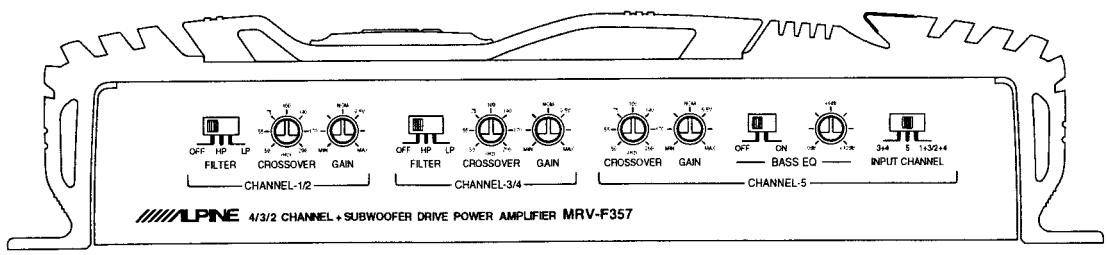
ALPINE

ALPI-00494

SERVICE MANUAL

4/3/2 Channel + Subwoofer Drive Amplifier



サービス費用区分	B
技 術 資 料 No.	PM-84-O

MRV-F357

4.94

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NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

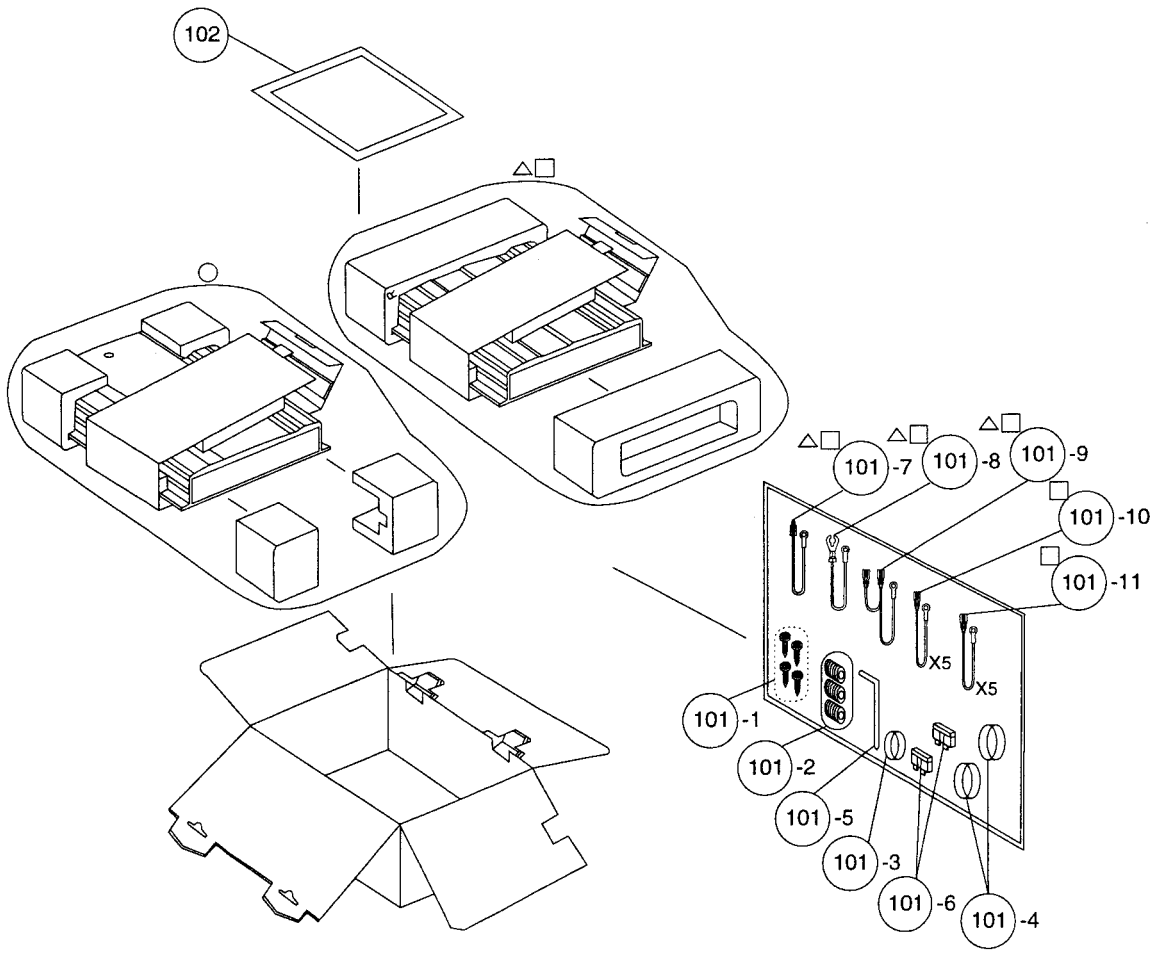
Packing Assembly Parts List

Symbol No.	Part No.	Description
	101-1	03E11447S01	Screw, TPG (M4X14)
	101-2	03E29353S01	Screw (M4X10)
	101-3	75E29296S01	Housing Rubber-A
	101-4	75E27899S01	Housing Rubber-F
	101-5	01E28659S01	Wrench
	101-6	65E27881S01	Fuse, Auto 25A (For Battery Line)
△	101-7	01E29399S01	Assy., Battery Wire
□	101-7	01E29399S01	Assy., Battery Wire
△	101-8	01E29400S01	Assy., GND Wire
□	101-8	01E29400S01	Assy., GND Wire

Symbol No.	Part No.	Description
△	101-9	01E29401S01	Assy., Remote Wire
□	101-9	01E29401S01	Assy., Remote Wire
□	101-10	01E22152S01	Assy., Speaker Wire (+)
□	101-11	01E22153S01	Assy., Speaker Wire (-)
○	102	68P01149K68	Owner's Manual
△	102-1	68P01149K69	Owner's Manual (ENGLISH/FRANCAIS/ESPANOL)
△	102-2	68P01149K70	Owner's Manual (DEUTSCH/ITALIANO/SVENSKA)
□	102	68P01149K71	Owner's Manual

NOTE : ○ : For North American Model Only, △ : For General Foreign Model Only,
□ : For Japanese Model Only, Others : Common.

Packing Method View



NOTE : ○ : For North American Model Only, △ : For General Foreign Model Only,
□ : For Japanese Model Only, Others : Common.

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Specifications

T.H.D. (Stereo, 20Hz/1kHz/20kHz)	40W/ch, 4ohm-4channel, 14.4V, L.P.F.-80kHz : 0.2%
	25W/ch, 4ohm-4channel, 12V, L.P.F.-80kHz : 0.2%
	50W/ch, 2ohm-4channel, 14.4V, L.P.F.-80kHz : 0.8%
	35W/ch, 2ohm-4channel, 12V, L.P.F.-80kHz : 0.8%
(BTL, 20Hz/1kHz/20kHz)	110W/ch, 4ohm-2channel, 14.4V, L.P.F.-80kHz : 0.8%
	70W/ch, 4ohm-2channel, 12V, L.P.F.-80kHz : 0.8%
(SUB-WOOFER, 20Hz)	140W/ch, 4ohm-1channel, 14.4V, L.P.F.-80kHz : 0.8%
	90W/ch, 4ohm-1channel, 12V, L.P.F.-80kHz : 0.8%
Power Output (Stereo, 20Hz/1kHz/20kHz)	4ohm-4channel, 0.2% T.H.D., 14.4V, L.P.F.-80kHz : 40W
	4ohm-4channel, 0.2% T.H.D., 12V, L.P.F.-80kHz : 25W
	2ohm-4channel, 0.3% T.H.D., 14.4V, L.P.F.-80kHz : 50W
	2ohm-4channel, 0.3% T.H.D., 12V, L.P.F.-80kHz : 35W
(BTL, 20Hz/1kHz/20kHz)	4ohm-2channel, 0.3% T.H.D., 14.4V, L.P.F.-80kHz : 110W
	4ohm-2channel, 0.3% T.H.D., 12V, L.P.F.-80kHz : 70W
(SUB-WOOFER, 20Hz)	4ohm, 0.3% T.H.D., 14.4V, L.P.F.-80kHz : 135W
	4ohm, 0.3% T.H.D., 12V, L.P.F.-80kHz : 90W
S/N Ratio (Ref. Output 50W/4ohm, Input shorted)	95dB
Input Sensitivity (RCA Input, 50W Output)	GAIN-VR (CENTER) : 1V±3dB
	GAIN-VR (MAX) : 0.2V+5, -3dB
	GAIN-VR (MIN) : 4V+5, -3dB
Input Impedance	21kohm±10%
Frequency Response (0±1dB)	Ref. 1kHz : 20Hz~50kHz
Current Drain	No Signal : 2.5A
	4ohm-5channel, STEREO, 50W×4ch+150W×1ch : 57A
	2ohm-5channel, STEREO, 65W×4ch+150W×1ch : 71A
	4ohm-3channel, BTL, 130W×2ch+150W×1ch : 71A
Residual Noise (Input Shorted, 4ohm-5channel)	VR CENTER, MIN : 3mV
	VR MAX. : 6mV
Channel Separation (Input Shorted, 20Hz, 50W×4ch+150W×1ch)	55dB
Remote on Voltage (1W Output)	6.5 +1, -1.5V
Remote Current Drain	1.3±0.5mA
Back Up Current Drain	1.2mA
Fuse Requirement	25A×2 (For Battery Line)
Power Source	DC14.4V (9~16V)
Dimensions (W×H×D)	260×60×400mm
Weight	6.2kg

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

Adjustment Procedures

1. Power Supply Voltage Adjustment

電源電圧調整

(1) Connection

接続

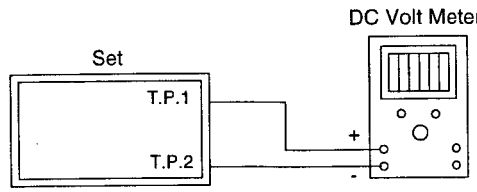

Figure 1
1図

BATTERY : DC14.4V
REMOTE : DC6.5+1, -1.5V
No Signal Input

(2) Adjustment Procedures

調整方法

Adjust VR601 so that Voltage between T.P.1 and T.P.2 reaches 27±0.5V.

T.P.1とT.P.2との間の電圧が27±0.5Vになる様にVR601で調整する。

2. Idling Adjustment

アイドリング調整

(1) Connection

接続

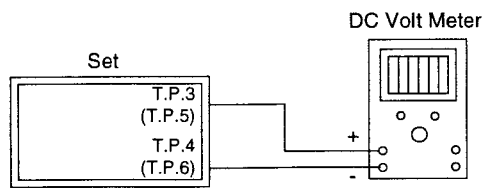

Figure 2
2図

BATTERY : DC14.4V
REMOTE : DC6.5+1, -1.5V
No Signal Input

(2) Adjustment Procedures

調整方法

① Adjust VR401 so that Voltage between T.P.3 and T.P.4 reaches 1±0.2mV.

T.P.3とT.P.4との間の電圧が1±0.2mVになる様にVR401で調整する。

② Adjust VR402 so that Voltage between T.P.5 and T.P.6 reaches 1±0.2mV.

T.P.5とT.P.6との間の電圧が1±0.2mVになる様にVR402で調整する。

NOTE : For the Adjustment Parts and Test Points, refer to the Parts Layout on P.W. Boards and Wiring Diagram.

注記 : 調整部品及びテストポイントの詳細については、「Parts Layout on P.W. Boards and Wiring Diagram」を参照願います。

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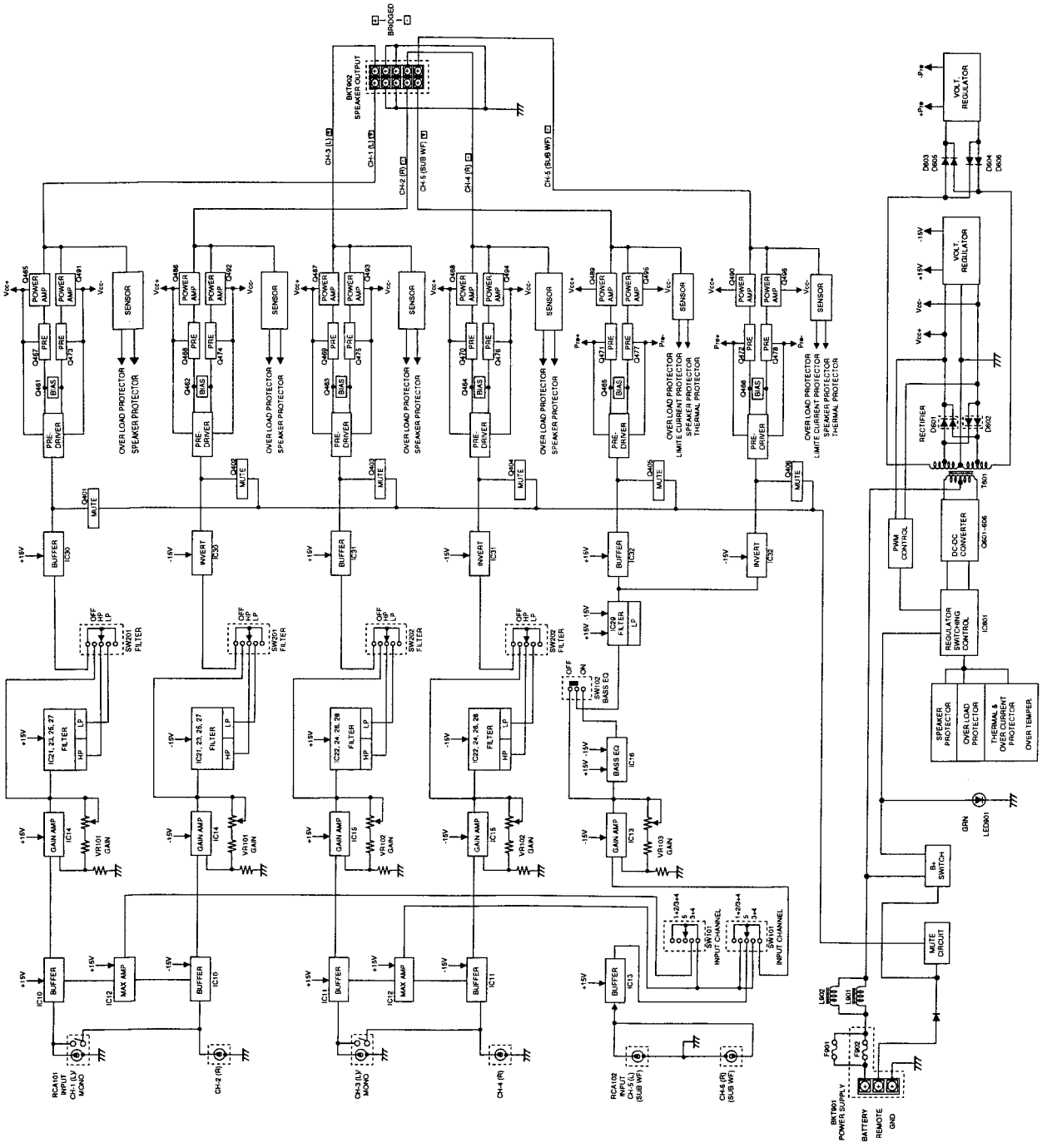
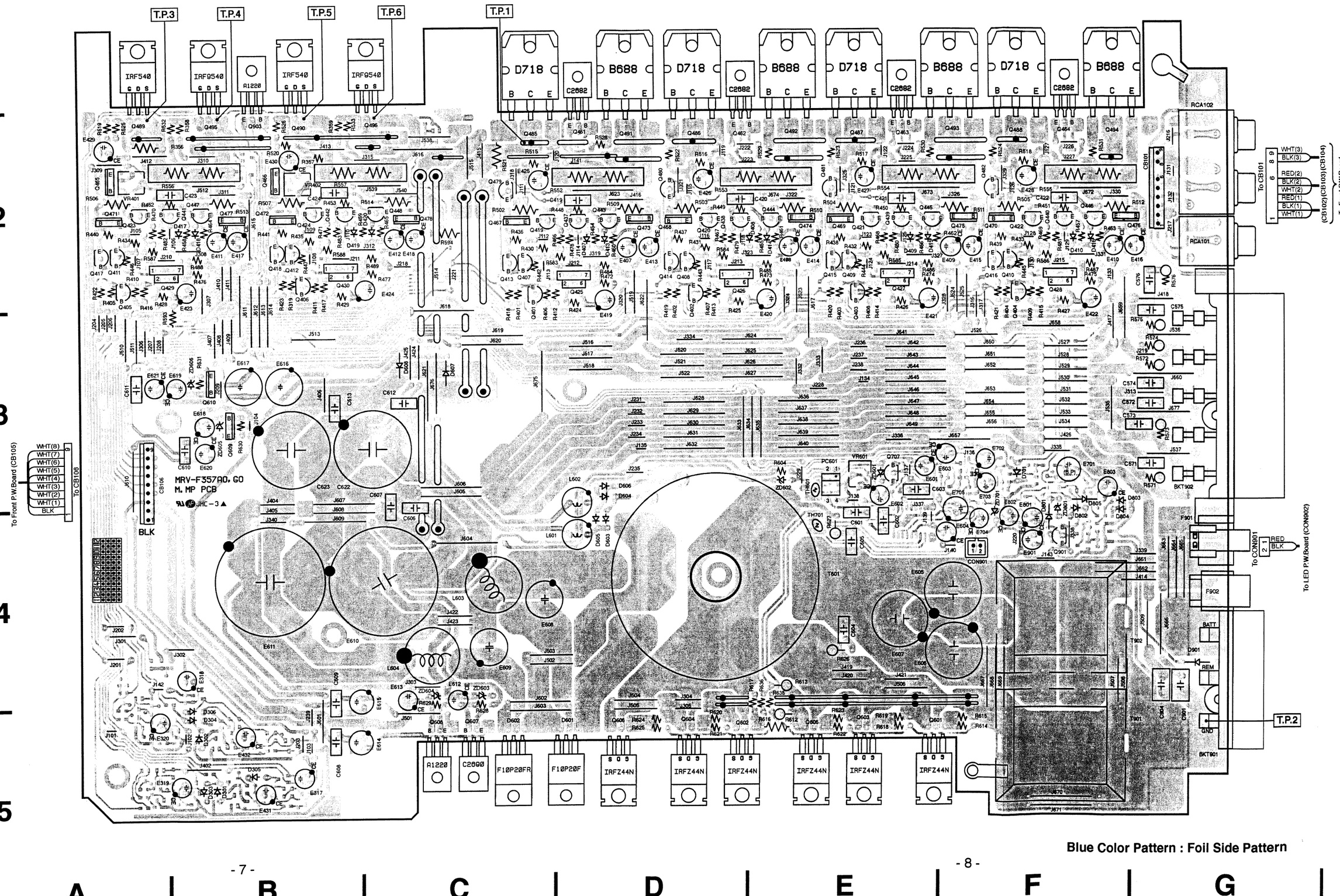
Block Diagram



Parts Layout on P.W.Boards and Wiring Diagram (1/3)

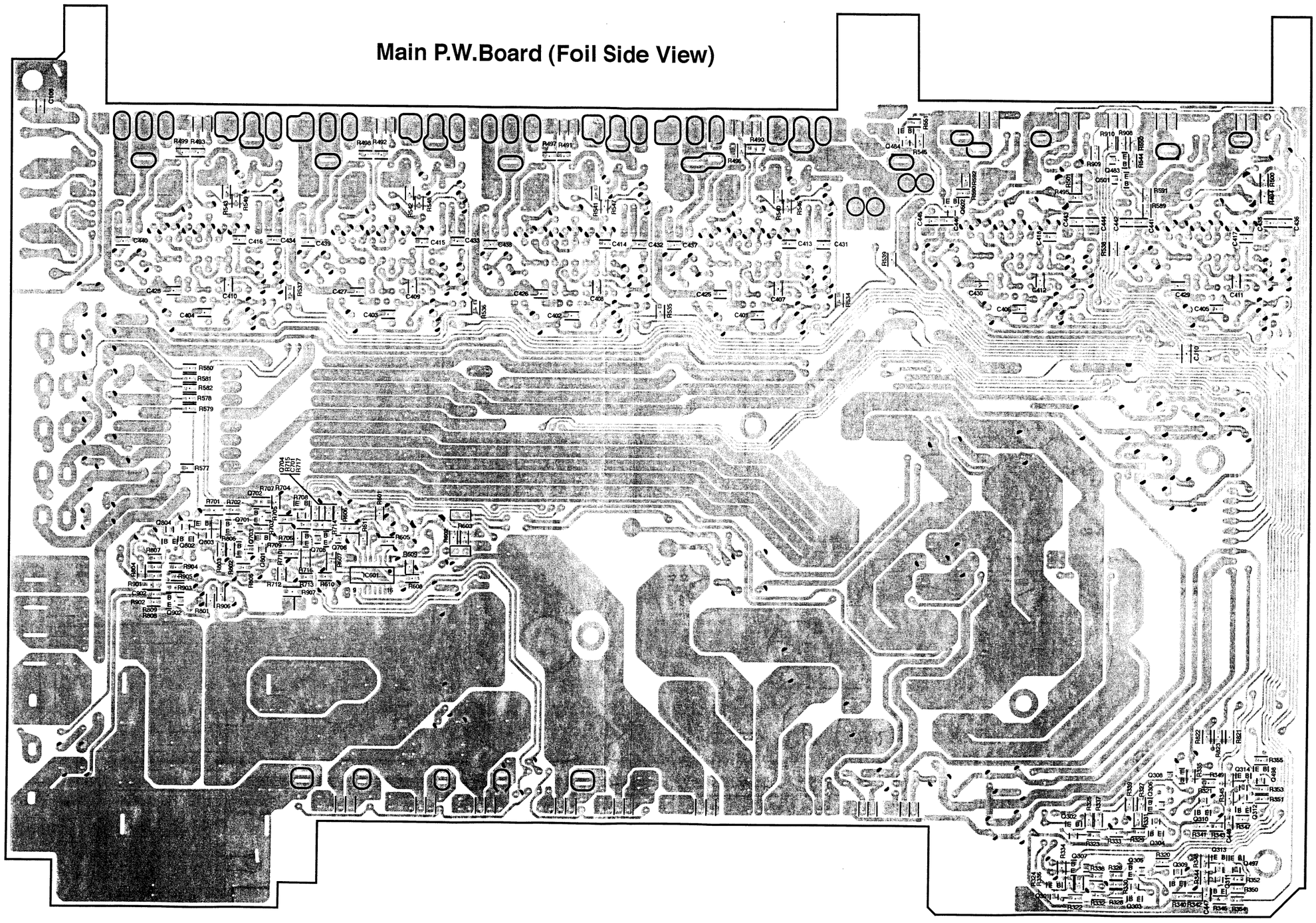
Main P.W.Board (Component Side View)



Blue Color Pattern : Foil Side Pattern

Parts Layout on P.W.Boards and Wiring Diagram (2/3)

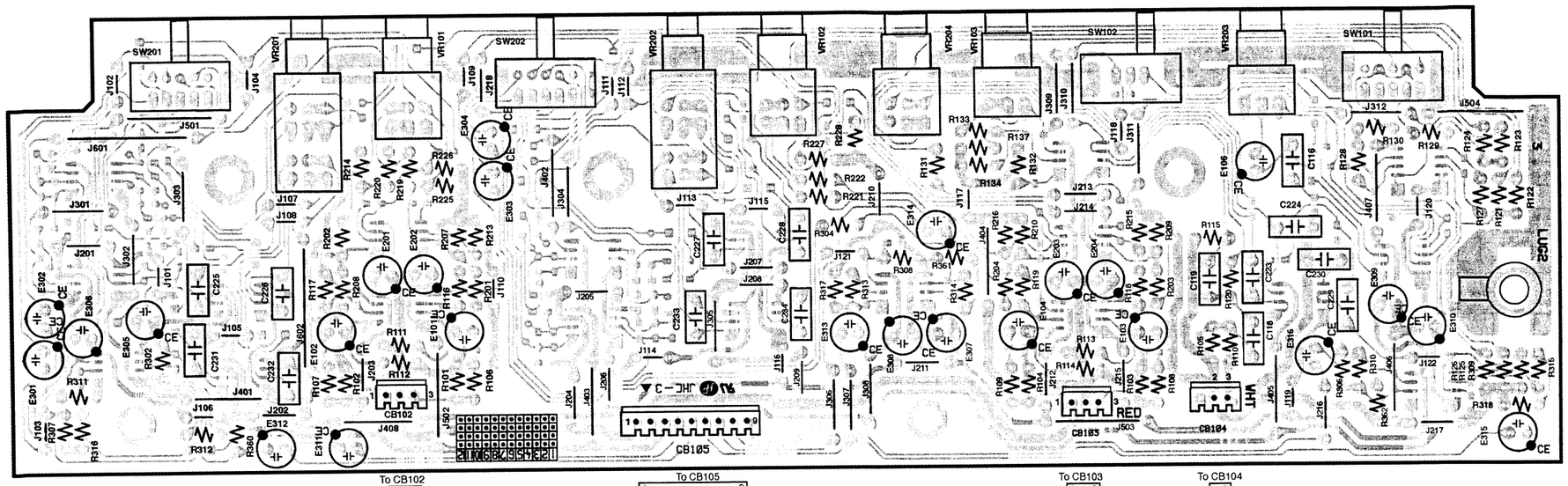
Main P.W.Board (Foil Side View)



Blue Color Pattern : Foil Side Pattern

Parts Layout on P.W.Boards and Wiring Diagram (3/3)

Front P.W.Board (Componet Side View)

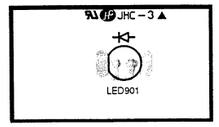


To CB102 (1, 3): WHT(1), BLK(1), RED(1) — To Main P.W.Board (CB101)

To CB105 (1, 9): BLK, WHT(1), WHT(2), WHT(3), WHT(4), WHT(5), WHT(6), WHT(7), WHT(8) — To Main P.W.Board (CB106)

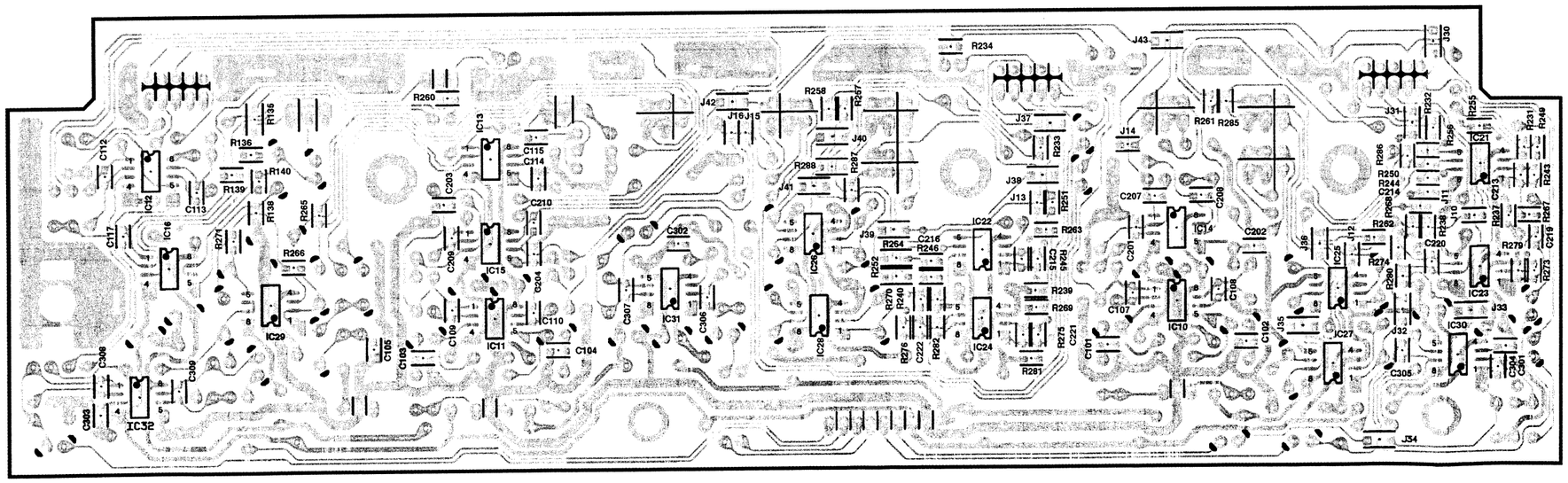
To CB103 (1, 3): WHT(2), BLK(2), RED(2) — To Main P.W.Board (CB101)

To CB104 (2, 3): BLK(3), WHT(3) — To Main P.W.Board (CB101)

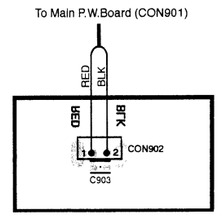


LED P.W.Board (Componet Side View)

Front P.W.Board (Foil Side View)



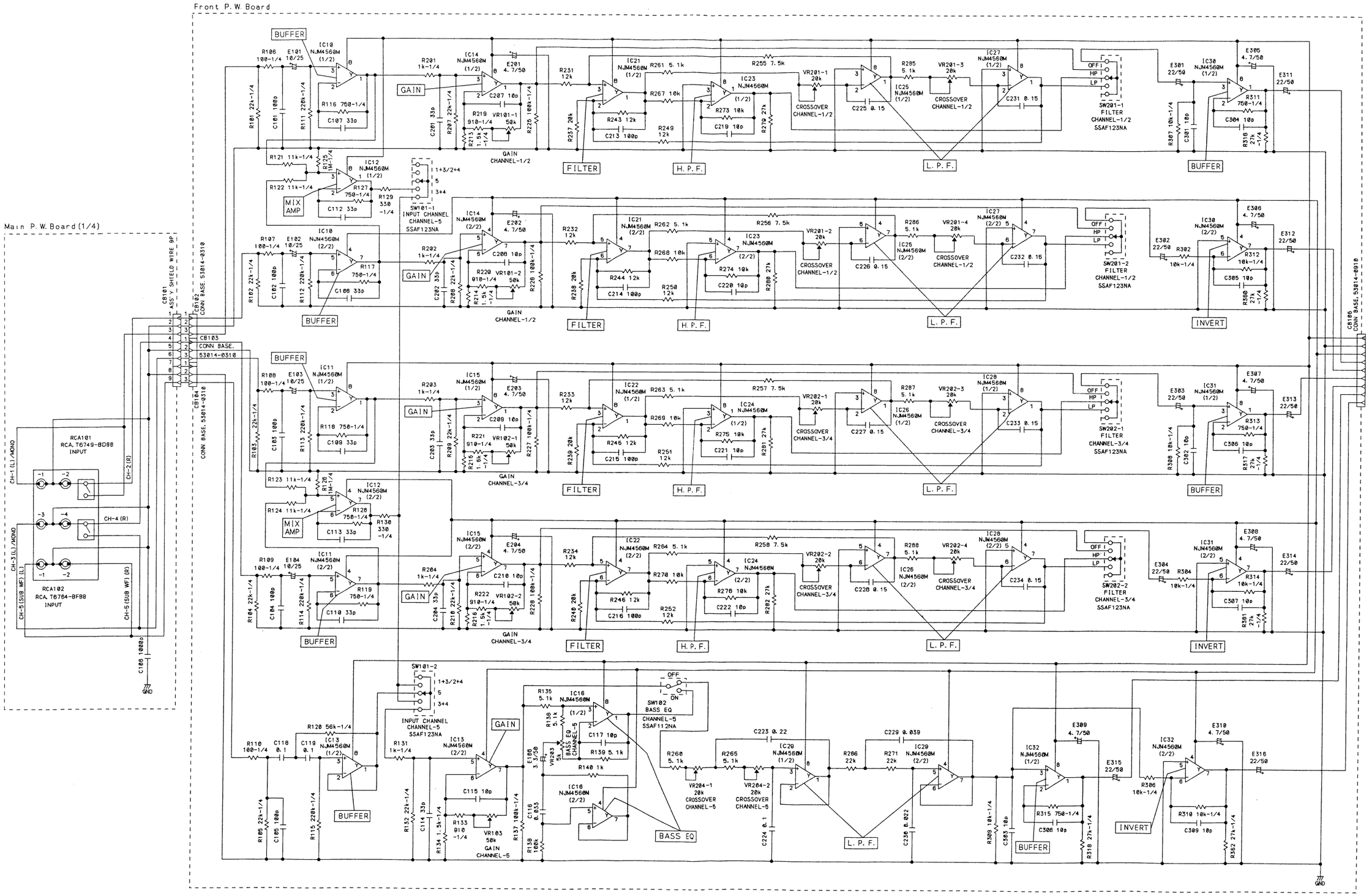
To Main P.W.Board (CON901)



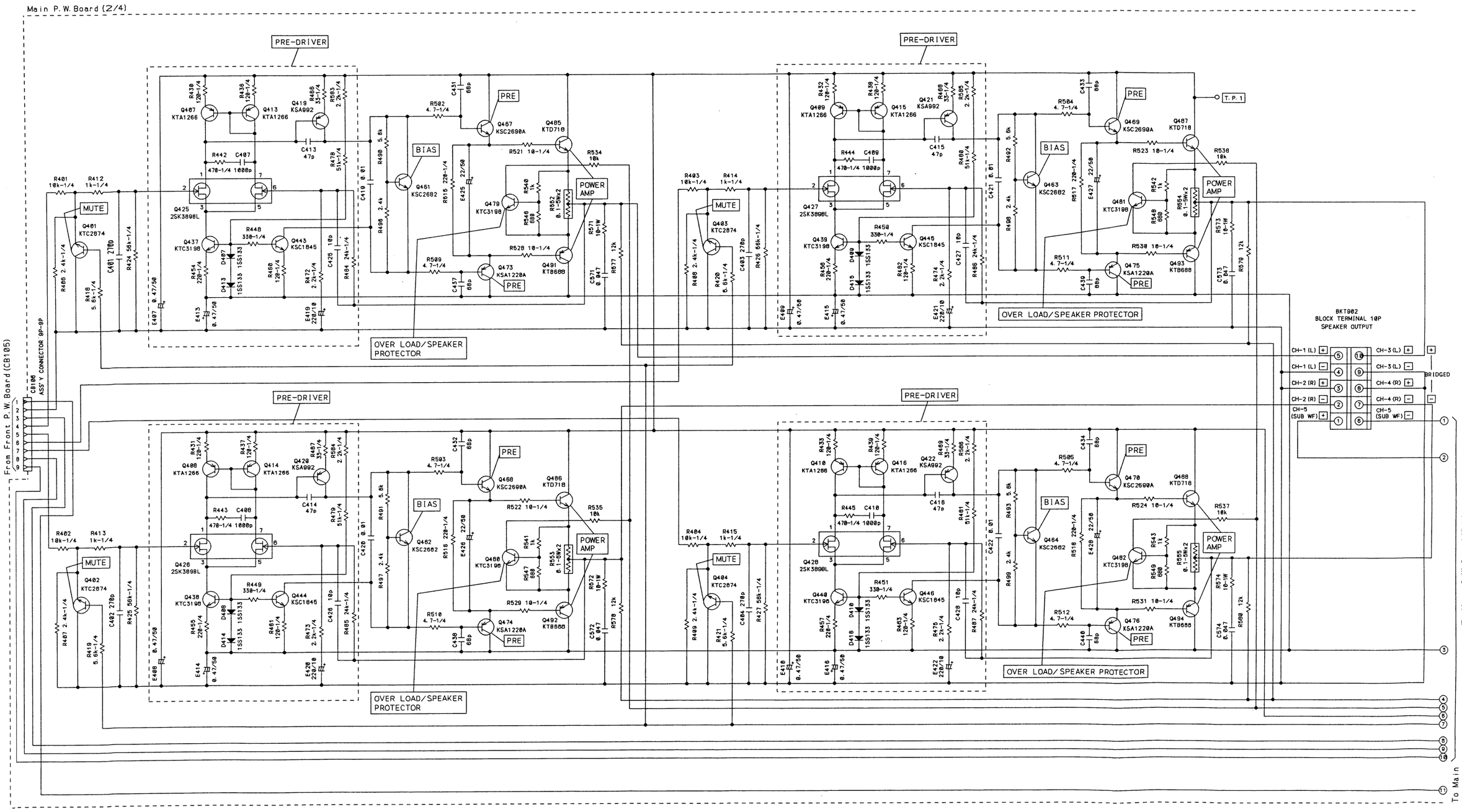
LED P.W.Board (Foil Side View)

Blue Color Pattern : Foil Side Pattern

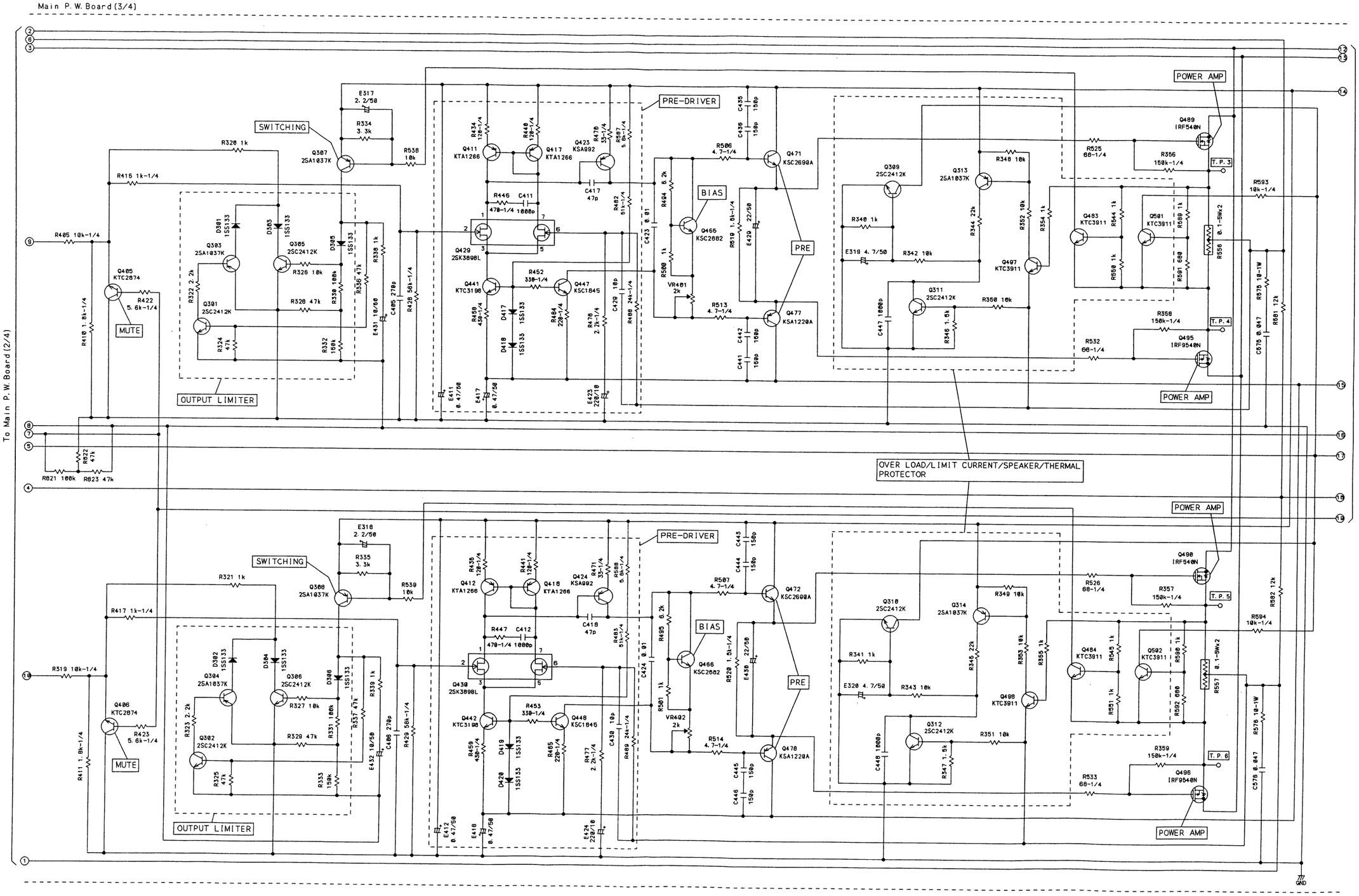
Schematic Diagram (1/4)



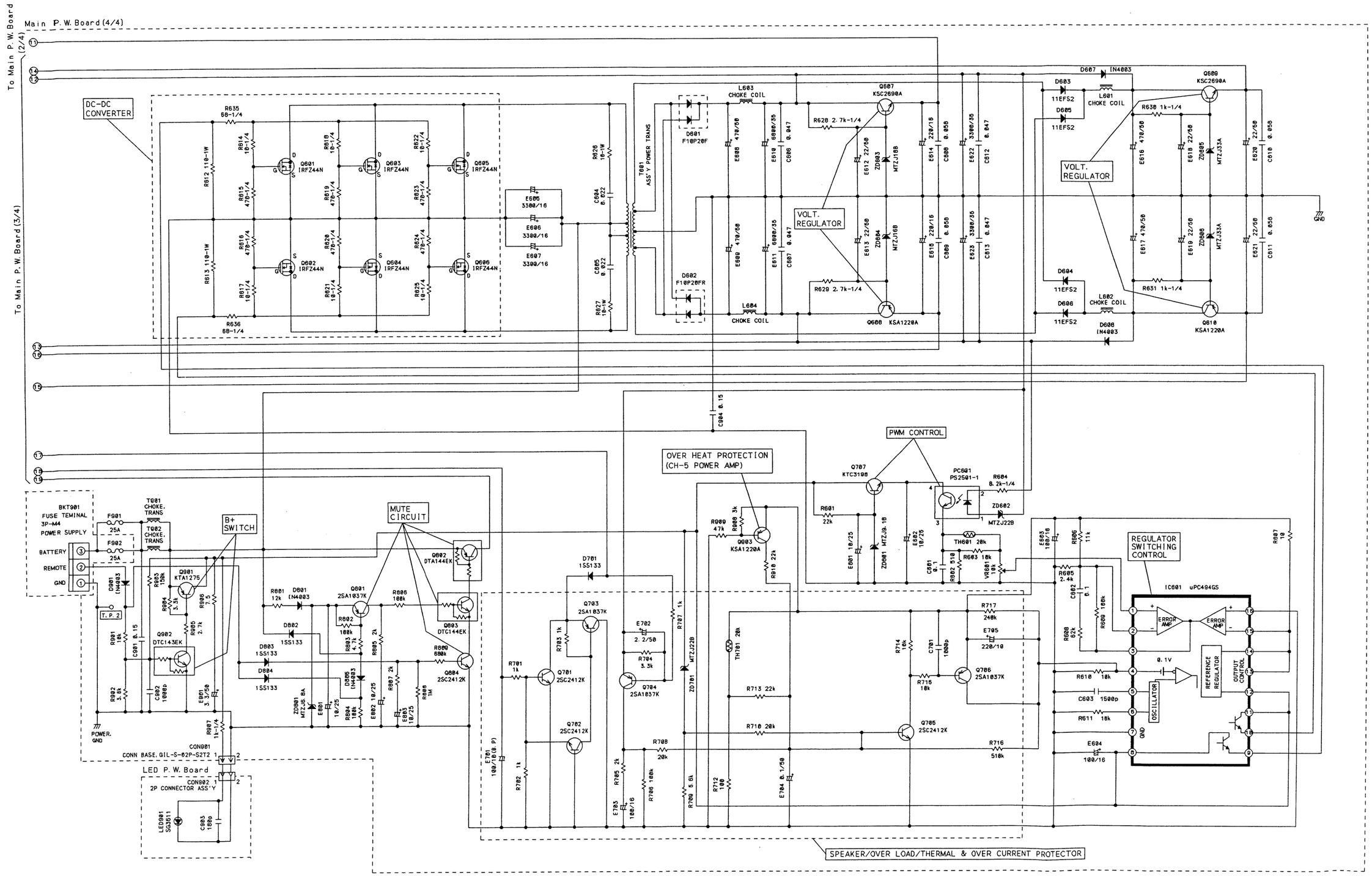
Schematic Diagram (2/4)



Schematic Diagram (3/4)



Schematic Diagram (4/4)



Terminal Voltage of IC/TR

IC10

1	1,4mV
2	27.5mV
3	19.2mV
4	-15.25V
5	12.6mV
6	9.6mV
7	-25.2mV
8	15.08V

IC11

1	5mV
2	0.4mV
3	56mV
4	-15.3V
5	11.4mV
6	6.7mV
7	-42.2mV
8	15.16V

IC12

1	14mV
2	10.5mV
3	17.5mV
4	-15.36V
5	17.2mV
6	1.6mV
7	-92.2mV
8	15.18V

IC13

1	46.5mV
2	27.8mV
3	437mV
4	-15.39V
5	16.6mV
6	20.2mV
7	6.3mV
8	15.19V

IC14

1	68.6mV
2	19.8mV
3	16.1mV
4	-15.38V
5	15.2mV
6	14.4mV
7	65mV
8	15.1V

IC15

1	70.8mV
2	20.5mV
3	16.4mV
4	-15.33V
5	16.5mV
6	19.6mV
7	52.2mV
8	15.14V

IC16

1	17.7mV
2	83.5mV
3	78.2mV
4	-15.4V
5	10.7mV
6	16.3mV
7	16.1mV
8	15.2V

IC21

1	9.8mV
2	25.2mV
3	36.6mV
4	-15.35V
5	31.4mV
6	25mV
7	5.4mV
8	15.16V

IC22

1	5.5mV
2	18.9mV
3	35.1mV
4	-15.39V
5	34.8mV
6	17.6mV
7	6.1mV
8	15.19V

IC23

1	85.3mV
2	11.8mV
3	5.6mV
4	-15.4V
5	5.6mV
6	14.2mV
7	4.2mV
8	15.2V

IC24

1	89.8mV
2	11.9mV
3	5.7mV
4	-15.4V
5	4.3mV
6	11.3mV
7	42.4mV
8	15.2V

IC25

1	4.4mV
2	45.5mV
3	4.9mV
4	-15.3V
5	5mV
6	58.9mV
7	5.2mV
8	15.08V

IC26

1	5.7mV
2	38.5mV
3	5.4mV
4	-15.3V
5	12.6mV
6	39.6mV
7	6.1mV
8	15.11V

IC27

1	1.6mV
2	50.5mV
3	19.2mV
4	-15.25V
5	4.6mV
6	49.6mV
7	5.2mV
8	15.13V

IC28

1	5.4mV
2	77.5mV
3	9.2mV
4	-15.31V
5	22.6mV
6	51.6mV
7	1,2mV
8	15.16V

IC29

1	1.4mV
2	27.5mV
3	19.2mV
4	-15.3V
5	12.6mV
6	9.6mV
7	-25.2mV
8	15.08V

IC30

1	40.6mV
2	14.5mV
3	39.2mV
4	-15.31V
5	5.3mV
6	30.6mV
7	10mV
8	15.14V

IC31

1	15.4mV
2	47.5mV
3	19.2mV
4	-15.32V
5	12.6mV
6	11.6mV
7	5.2mV
8	15.16V

IC32

1	3mV
2	4.5mV
3	2.2mV
4	-15.3V
5	22.6mV
6	14.6mV
7	-10.2mV
8	15.14V

IC601

1, 2	0.95V	8	14.34V
3	3.8V	9	0.57V
4	0.2V	10	0.56V
5	1.7V	11, 12	14.34V
6	3.7V	13–15	5V
7	2.7mV	16	2.7mV

	G	D	S		G	D	S
Q489	1.3mV	26.9V	3.5V	Q602	0.38V	14.38V	2.5mV
Q490	2.5mV	26.9V	3.47V	Q603	0.39V	14.39V	2.7mV
Q495	0.5mV	-26.9V	-3.54V	Q604	0.38V	14.38V	2.7mV
Q496	1mV	-26.9V	-3.55V	Q605	0.38V	14.38V	2.8mV
Q601	0.38V	14.38V	2.6mV	Q606	0.39V	14.39V	2.8mV

	1	2	3	4	5	6	7
Q425	26.2V	5.8mV	0.34V	NC	0.34V	4.2mV	26.2V
Q426	26.2V	5.8mV	0.37V	NC	0.37V	4.3mV	26.2V
Q427	26.2V	5.9mV	0.38V	NC	0.38V	4.5mV	26.2V
Q428	26.2V	5.8mV	0.35V	NC	0.35V	4.7mV	26.2V
Q429	29.8V	7.6mV	0.41V	NC	0.41V	7.7mV	29.8V
Q430	29.9V	7.9mV	0.42V	NC	0.42V	7.9mV	29.9V

	E	C	B		E	C	B		E	C	B
Q301	-15.4V	-70mV	-15.39V	Q422	26.6V	1.1V	26.3V	Q481	4mV	27.1V	6.4mV
Q302	-15.4V	-80mV	-15.38V	Q423	30.2V	4.15V	29.7V	Q482	3.5mV	27.1V	6.2mV
Q303	5.5mV	-0.5V	0.36V	Q424	30.3V	4.1V	29.7V	Q483	3.8mV	27.1V	5.9mV
Q304	5.8mV	-0.4V	0.32V	Q437	-26.4V	0.33V	-25.8V	Q484	4.1mV	27.1V	6.1mV
Q305	5.7mV	0.58V	-3.56V	Q438	-26.4V	0.36V	-25.8V	Q485	4.5mV	26.9V	0.56V
Q306	5.8mV	0.6V	-3.62V	Q439	-26.4V	0.34V	-25.8V	Q486	3.2mV	26.9V	0.55V
Q307	16mV	-0.2V	142mV	Q440	-26.4V	0.31V	-25.8V	Q487	4.2mV	26.9V	0.55V
Q308	132mV	-0.22V	115mV	Q441	-30.1V	0.39V	-29.4V	Q488	2.9mV	26.9V	0.55V
Q309	5mV	6mV	5.5mV	Q442	-30.1V	0.39V	-29.5V	Q491	1.8mV	-26.9V	-0.56V
Q310	4.5mV	6mV	4.8mV	Q443	-26.5V	-1.14V	-25.9V	Q492	1.7mV	-26.9V	-0.54V
Q311	3.3mV	4mV	3.2mV	Q444	-26.6V	-1.12V	-26.2V	Q493	2mV	-26.9V	0.55V
Q312	4mV	3mV	3.5V	Q445	-26.8V	-1.14V	-26.2V	Q494	1.8mV	-26.9V	-0.56V
Q313	30.5V	5.4mV	30.2V	Q446	-26.8V	-1.15V	-26.1V	Q497	-0.5V	4.1V	124mV
Q314	30.4V	5.3mV	30.4V	Q447	-30V	-4.2V	-29.4V	Q498	-0.45V	4V	160mV
Q401	4mV	4.4mV	-7.5V	Q448	-30.1V	-4.2V	-29.4V	Q501	4.3mV	27.1V	8.7mV
Q402	4.9mV	5mV	-7.5V	Q461	-1.09V	1.1V	-0.46V	Q502	3.7mV	27.1V	6.4mV
Q403	4.9mV	5.1mV	-7.5V	Q462	-1.08V	1.1V	-0.45V	Q607	15.2V	27.1V	15.7V
Q404	5.5mV	5.7mV	-7.5V	Q463	-1.08V	1.1V	-0.46V	Q608	-15.27V	-27.1V	-15.9V
Q405	5.4mV	5.7mV	-7.5V	Q464	-1.08V	1.1V	-0.45V	Q609	30.4V	34V	31.1V
Q406	5.6mV	5.5mV	-7.5V	Q465	0.8mV	30.4V	1.3mV	Q610	-30.6V	-33.9V	-31.2V
Q407	26.7V	26.1V	26V	Q466	0.9mV	30.3V	0.88mV	Q701	2.1mV	26.6V	4.3mV
Q408	26.7V	26.1V	26V	Q467	0.6V	27.1V	1.16V	Q702	8mV	26.5V	2.4mV
Q409	26.7V	26.1V	26V	Q468	0.58V	27.1V	1.15V	Q703	26.6V	2.1mV	26.5V
Q410	26.7V	26.1V	26V	Q469	0.57V	27.1V	1.14V	Q704	26.8V	19.8mV	26.8V
Q411	30.4V	29.8V	29.8V	Q470	0.58V	27.1V	1.15V	Q705	2.2mV	5V	24mV
Q412	30.5V	29.8V	29.8V	Q471	3.57V	30.4V	4.13V	Q706	5V	0.2V	5V
Q413	26.6V	26V	26V	Q472	3.54V	30.5V	4.1V	Q707	8.2V	14.3V	8.8V
Q414	26.6V	26V	26V	Q473	-0.57V	-27V	-1.1V	Q801	6.3V	11.1mV	6.38V
Q415	26.6V	26V	26V	Q474	-0.58V	-27.1V	-1.1V	Q802	14.39V	-7.5V	14.39V
Q416	26.6V	26V	26V	Q475	-0.58V	-27.1V	-1.14V	Q803	1.2mV	14.39V	12.5mV
Q417	30.4V	29.8V	29.8V	Q476	-0.58V	-27.1V	-1.15V	Q804	1.7mV	1.4mV	0.56V
Q418	30.4V	29.7V	29.7V	Q477	-3.58V	-30.6V	-4.14V	Q901	14.39V	14.34V	13.7V
Q419	26.5V	1.1V	25.9V	Q478	-3.59V	-30.5V	-4.15V	Q902	1.9mV	37.4mV	2.6V
Q420	26.6V	1.1V	26.1V	Q479	3.8mV	27.1V	5.9mV	Q903	5V	23mV	4.7V
Q421	26.6V	1.1V	29.1V	Q480	3.5mV	27.1V	6.5mV				

[Measuring Conditions]

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Conditions : No Signal Input

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor	CAP.= Capacitor
C.F.= Carbon Film	ELY.= Electrolytic
M.F.= Metal Film	CER.= Ceramic
M.O.= Metal OxideFilm	MYL.= Mylar
M.P.= Metal Plate	TAN.= Tantalum
TR. = Transistor	POLY.= Polystyrol
TRANS.= Transformer	PP. = Polypropylene
CP. = Chip	PLT.= Polyethylene
	PF. = Polyester Film

Symbol No.	Part No.	Description
Main P.W.Board		
IC		
IC601	51E27890S01	IC, μPC 494GS
Transistors		
Q301	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q302	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q303	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q304	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q305	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q306	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q307	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q308	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q309	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q310	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q311	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q312	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q313	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q314	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q401	48E31104S01	TR, KTC 2874-B-RD
Q402	48E31104S01	TR, KTC 2874-B-RD
Q403	48E31104S01	TR, KTC 2874-B-RD
Q404	48E31104S01	TR, KTC 2874-B-RD
Q405	48E31104S01	TR, KTC 2874-B-RD
Q406	48E31104S01	TR, KTC 2874-B-RD
Q407	48E09036S02	TR, KTA 1266-Y-RD
Q408	48E09036S02	TR, KTA 1266-Y-RD
Q409	48E09036S02	TR, KTA 1266-Y-RD
Q410	48E09036S02	TR, KTA 1266-Y-RD
Q411	48E09036S02	TR, KTA 1266-Y-RD
Q412	48E09036S02	TR, KTA 1266-Y-RD
Q413	48E09036S02	TR, KTA 1266-Y-RD
Q414	48E09036S02	TR, KTA 1266-Y-RD
Q415	48E09036S02	TR, KTA 1266-Y-RD
Q416	48E09036S02	TR, KTA 1266-Y-RD
Q417	48E09036S02	TR, KTA 1266-Y-RD
Q418	48E09036S02	TR, KTA 1266-Y-RD
Q419	48E27752S01	TR, KSA 992
Q420	48E27752S01	TR, KSA 992
Q421	48E27752S01	TR, KSA 992
Q422	48E27752S01	TR, KSA 992
Q423	48E27752S01	TR, KSA 992
Q424	48E27752S01	TR, KSA 992
Q425	48T61719F01	FET, TKR 2SK 389BL
Q426	48T61719F01	FET, TKR 2SK 389BL
Q427	48T61719F01	FET, TKR 2SK 389BL
Q428	48T61719F01	FET, TKR 2SK 389BL
Q429	48T61719F01	FET, TKR 2SK 389BL
Q430	48T61719F01	FET, TKR 2SK 389BL
Q437	48E09088S01	TR, KTC 3198-Y-RD
Q438	48E09088S01	TR, KTC 3198-Y-RD
Q439	48E09088S01	TR, KTC 3198-Y-RD
Q440	48E09088S01	TR, KTC 3198-Y-RD
Q441	48E09088S01	TR, KTC 3198-Y-RD
Q442	48E09088S01	TR, KTC 3198-Y-RD
Q443	48E27753S01	TR, KSC 1845
Q444	48E27753S01	TR, KSC 1845
Q445	48E27753S01	TR, KSC 1845
Q446	48E27753S01	TR, KSC 1845
Q447	48E27753S01	TR, KSC 1845
Q448	48E27753S01	TR, KSC 1845
Q461	48E08329S01	TR, KSC 2682-Y
Q462	48E08329S01	TR, KSC 2682-Y
Q463	48E08329S01	TR, KSC 2682-Y
Q464	48E08329S01	TR, KSC 2682-Y
Q465	48E08329S01	TR, KSC 2682-Y
Q466	48E08329S01	TR, KSC 2682-Y
Q467	48E10027S01	TR, KSC 2690A-Y
Q468	48E10027S01	TR, KSC 2690A-Y
Q469	48E10027S01	TR, KSC 2690A-Y
Q470	48E10027S01	TR, KSC 2690A-Y
Q471	48E10027S01	TR, KSC 2690A-Y
Q472	48E10027S01	TR, KSC 2690A-Y
Q473	48E05943S01	TR, KSA 1220A-Y
Q474	48E05943S01	TR, KSA 1220A-Y
Q475	48E05943S01	TR, KSA 1220A-Y
Q476	48E05943S01	TR, KSA 1220A-Y
Q477	48E05943S01	TR, KSA 1220A-Y
Q478	48E05943S01	TR, KSA 1220A-Y
Q479	48E09088S01	TR, KTC 3198-Y-RD
Q480	48E09088S01	TR, KTC 3198-Y-RD

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Symbol No.	Part No.	Description
Q481	48E09088S01	TR, KTC 3198-Y-RD
Q482	48E09088S01	TR, KTC 3198-Y-RD
Q483	48E29545S01	TR, KTC 3911-GR-CP
Q484	48E29545S01	TR, KTC 3911-GR-CP
Q485	48E27748S01	TR, KTD 718-O
Q486	48E27748S01	TR, KTD 718-O
Q487	48E27748S01	TR, KTD 718-O
Q488	48E27748S01	TR, KTD 718-O
Q489	48E30968S01	FET, IRF 540N
Q490	48E30968S01	FET, IRF 540N
Q491	48E27747S01	TR, KTB 688-O
Q492	48E27747S01	TR, KTB 688-O
Q493	48E27747S01	TR, KTB 688-O
Q494	48E27747S01	TR, KTB 688-O
Q495	48E30969S01	FET, IRF 9540N
Q496	48E30969S01	FET, IRF 9540N
Q497	48E29545S01	TR, KTC 3911-GR-CP
Q498	48E29545S01	TR, KTC 3911-GR-CP
Q501	48E29545S01	TR, KTC 3911-GR-CP
Q502	48E29545S01	TR, KTC 3911-GR-CP
Q601	48E29536S01	FET, IRFZ 44N
Q602	48E29536S01	FET, IRFZ 44N
Q603	48E29536S01	FET, IRFZ 44N
Q604	48E29536S01	FET, IRFZ 44N
Q605	48E29536S01	FET, IRFZ 44N
Q606	48E29536S01	FET, IRFZ 44N
Q607	48E10027S01	TR, KSC 2690A-Y
Q608	48E05943S01	TR, KSA 1220A-Y
Q609	48E10027S01	TR, KSC 2690A-Y
Q610	48E05943S01	TR, KSA 1220A-Y
Q701	48E22902S01	TR, 2SC2412K-Q, R, S-T146 CP
Q702	48E22902S01	TR, 2SC2412K-Q, R, S-T146 CP
Q703	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q704	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q705	48E22902S01	TR, 2SC2412K-Q, R, S-T146 CP
Q706	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q707	48E09088S01	TR, KTC 3198-Y-RD
Q801	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q802	48E23697S01	TR, DTA 144EK-T146-CP
Q803	48E22555S01	TR, DTC 144EK-T146-CP
Q804	48E22902S01	TR, 2SC2412K-Q, R, S-T146 CP
Q901	48E23700S01	TR, KTA 1275-O-RD
Q902	48E22903S01	TR, DTC 143EK-T-146-CP
Q903	48E05943S01	TR, KSA 1220A-Y

Diodes

D301	48E22916S01	DIO, 1SS133-T-77-AX
D302	48E22916S01	DIO, 1SS133-T-77-AX
D303	48E22916S01	DIO, 1SS133-T-77-AX
D304	48E22916S01	DIO, 1SS133-T-77-AX
D305	48E22916S01	DIO, 1SS133-T-77-AX
D306	48E22916S01	DIO, 1SS133-T-77-AX
D407	48E22916S01	DIO, 1SS133-T-77-AX
D408	48E22916S01	DIO, 1SS133-T-77-AX
D409	48E22916S01	DIO, 1SS133-T-77-AX
D410	48E22916S01	DIO, 1SS133-T-77-AX
D413	48E22916S01	DIO, 1SS133-T-77-AX
D414	48E22916S01	DIO, 1SS133-T-77-AX
D415	48E22916S01	DIO, 1SS133-T-77-AX
D416	48E22916S01	DIO, 1SS133-T-77-AX
D417	48E22916S01	DIO, 1SS133-T-77-AX
D418	48E22916S01	DIO, 1SS133-T-77-AX
D419	48E22916S01	DIO, 1SS133-T-77-AX
D420	48E22916S01	DIO, 1SS133-T-77-AX
D601	48T65059W01	DIO, REC F10P20F
D602	48T65059W02	DIO, REC F10P20FB
D603	48E25517S01	DIO, 11EFS2
D604	48E25517S01	DIO, 11EFS2
D605	48E25517S01	DIO, 11EFS2
D606	48E25517S01	DIO, 11EFS2
D607	48E23703S01	DIO, IN 4003-AX
D608	48E23703S01	DIO, IN 4003-AX
D701	48E22916S01	DIO, 1SS133-T-77-AX
D801	48E23703S01	DIO, IN 4003-AX
D802	48E22916S01	DIO, 1SS133-T-77-AX
D803	48E22916S01	DIO, 1SS133-T-77-AX
D804	48E22916S01	DIO, 1SS133-T-77-AX
D805	48E23703S01	DIO, IN 4003-AX
D901	48E23703S01	DIO, IN 4003-AX
ZD601	48E22162S01	DIO, ZEN. MTZ-J-9.1-B-AX
ZD602	48E08332S01	DIO, ZEN. MTZ-J-22-B-AX
ZD603	48E22436S01	DIO, ZEN. MTZ-J-16-B-AX
ZD604	48E22436S01	DIO, ZEN. MTZ-J-16-B-AX
ZD605	48E31057S01	DIO, ZEN. MTZ-J-33-A-AX
ZD606	48E31057S01	DIO, ZEN. MTZ-J-33-A-AX
ZD701	48E08332S01	DIO, ZEN. MTZ-J-22-B-AX
ZD801	48E22917S01	DIO, ZEN. MTZ-J-6.8-A-AX

Coils

L601	24E25516S01	CHOKE COIL (10 μH)
L602	24E25516S01	CHOKE COIL (10 μH)
L603	25E20892S01	CHOKE COIL (38 μH)
L604	25E20892S01	CHOKE COIL (38 μH)

Symbol No.	Part No.	Description
Transformer		
T601	25E30970S01	ASS'Y POWER TRANS
T901	25E29538S01	CHOKE, TRANS 35m/m
T902	25E29538S01	CHOKE, TRANS 35m/m
Thermistors		
TH601	48E20887S01	TH, YTD5-320(20K)-YEL
TH701	48E20887S01	TH, YTD5-320(20K)-YEL
Photo Coupler		
PC601	48E25501S01	PS2501-1 (L)
Capacitors		
C106	08E23583S01	CAP, CER. 102-K-CP 50V
C401	08E26128S01	CAP, CER. 271-J-CP 50V
C402	08E26128S01	CAP, CER. 271-J-CP 50V
C403	08E26128S01	CAP, CER. 271-J-CP 50V
C404	08E26128S01	CAP, CER. 271-J-CP 50V
C405	08E26128S01	CAP, CER. 271-J-CP 50V
C406	08E26128S01	CAP, CER. 271-J-CP 50V
C407	08E22081S01	CAP, CER. 102-J-CP 50V
C408	08E22081S01	CAP, CER. 102-J-CP 50V
C409	08E22081S01	CAP, CER. 102-J-CP 50V
C410	08E22081S01	CAP, CER. 102-J-CP 50V
C411	08E22081S01	CAP, CER. 102-J-CP 50V
C412	08E22081S01	CAP, CER. 102-J-CP 50V
C413	08E22077S01	CAP, CER. 470-J-CP 50V
C414	08E22077S01	CAP, CER. 470-J-CP 50V
C415	08E22077S01	CAP, CER. 470-J-CP 50V
C416	08E22077S01	CAP, CER. 470-J-CP 50V
C417	08E22077S01	CAP, CER. 470-J-CP 50V
C418	08E22077S01	CAP, CER. 470-J-CP 50V
C419	08E20216S01	CAP, MYL. 103-J-RD
C420	08E20216S01	CAP, MYL. 103-J-RD
C421	08E20216S01	CAP, MYL. 103-J-RD
C422	08E20216S01	CAP, MYL. 103-J-RD
C423	08E20216S01	CAP, MYL. 103-J-RD
C424	08E20216S01	CAP, MYL. 103-J-RD
C425	08E08423S03	CAP, CER. 100-D-CP 50V
C426	08E08423S03	CAP, CER. 100-D-CP 50V
C427	08E08423S03	CAP, CER. 100-D-CP 50V
C428	08E08423S03	CAP, CER. 100-D-CP 50V
C429	08E08423S03	CAP, CER. 100-D-CP 50V

Symbol No.	Part No.	Description
C430	08E08423S03	CAP, CER. 100-D-CP 50V
C431	08E22549S01	CAP, CER. 680-J-CP 50V
C432	08E22549S01	CAP, CER. 680-J-CP 50V
C433	08E22549S01	CAP, CER. 680-J-CP 50V
C434	08E22549S01	CAP, CER. 680-J-CP 50V
C435	08E25510S01	CAP, CER. 151-J-CP 50V
C436	08E25510S01	CAP, CER. 151-J-CP 50V
C437	08E22549S01	CAP, CER. 680-J-CP 50V
C438	08E22549S01	CAP, CER. 680-J-CP 50V
C439	08E22549S01	CAP, CER. 680-J-CP 50V
C440	08E22549S01	CAP, CER. 680-J-CP 50V
C441	08E25510S01	CAP, CER. 151-J-CP 50V
C442	08E25510S01	CAP, CER. 151-J-CP 50V
C443	08E25510S01	CAP, CER. 151-J-CP 50V
C444	08E25510S01	CAP, CER. 151-J-CP 50V
C445	08E25510S01	CAP, CER. 151-J-CP 50V
C446	08E25510S01	CAP, CER. 151-J-CP 50V
C447	08E23583S01	CAP, CER. 102-K-CP 50V
C448	08E23583S01	CAP, CER. 102-K-CP 50V
C571	08E07631S18	CAP, MYL. 473-J-RD
C572	08E07631S18	CAP, MYL. 473-J-RD
C573	08E07631S18	CAP, MYL. 473-J-RD
C574	08E07631S18	CAP, MYL. 473-J-RD
C575	08E07631S18	CAP, MYL. 473-J-RD
C576	08E07631S18	CAP, MYL. 473-J-RD
C601	08E31020S01	CAP, MF 104-J-63V-RD
C602	08E31020S01	CAP, MF 104-J-63V-RD
C603	08E25318S01	CAP, TF. AMCS 152-J-RD
C604	08E07631S10	CAP, MYL. 223-J-RD
C605	08E07631S10	CAP, MYL. 223-J-RD
C606	08E07631S18	CAP, MYL. 473-J-RD
C607	08E07631S18	CAP, MYL. 473-J-RD
C608	08E20913S01	CAP, MYL. 563-J-RD
C609	08E20913S01	CAP, MYL. 563-J-RD
C610	08E20913S01	CAP, MYL. 563-J-RD
C611	08E20913S01	CAP, MYL. 563-J-RD
C612	08E07631S18	CAP, MYL. 473-J-RD
C613	08E07631S18	CAP, MYL. 473-J-RD
C701	08E23583S01	CAP, CER. 102-K-CP 50V
C901	08E31021S01	CAP, MF 154-J-63V-RD
C902	08E23583S01	CAP, CER. 102-K-CP 50V
C904	08E31021S01	CAP, MF 154-J-63V-RD
E317	23E31012S01	CAP, ELEC. 2.2/50-M-RD
E318	23E31012S01	CAP, ELEC. 2.2/50-M-RD
E319	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E320	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E407	23E31011S01	CAP, ELEC. 0.47/50-M-R
E408	23E31011S01	CAP, ELEC. 0.47/50-M-R
E409	23E31011S01	CAP, ELEC. 0.47/50-M-R

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Symbol No.	Part No.	Description
E410	23E31011S01	CAP, ELEC. 0.47/50-M-R
E411	23E31011S01	CAP, ELEC. 0.47/50-M-R
E412	23E31011S01	CAP, ELEC. 0.47/50-M-R
E413	23E31011S01	CAP, ELEC. 0.47/50-M-R
E414	23E31011S01	CAP, ELEC. 0.47/50-M-R
E415	23E31011S01	CAP, ELEC. 0.47/50-M-R
E416	23E31011S01	CAP, ELEC. 0.47/50-M-R
E417	23E31011S01	CAP, ELEC. 0.47/50-M-R
E418	23E31011S01	CAP, ELEC. 0.47/50-M-R
E419	23E23848S01	CAP, ELEC. 220/10-M-RD
E420	23E23848S01	CAP, ELEC. 220/10-M-RD
E421	23E23848S01	CAP, ELEC. 220/10-M-RD
E422	23E23848S01	CAP, ELEC. 220/10-M-RD
E423	23E23848S01	CAP, ELEC. 220/10-M-RD
E424	23E23848S01	CAP, ELEC. 220/10-M-RD
E425	23E31016S01	CAP, ELEC. 22/50-M-RD
E426	23E31016S01	CAP, ELEC. 22/50-M-RD
E427	23E31016S01	CAP, ELEC. 22/50-M-RD
E428	23E31016S01	CAP, ELEC. 22/50-M-RD
E429	23E31016S01	CAP, ELEC. 22/50-M-RD
E430	23E31016S01	CAP, ELEC. 22/50-M-RD
E431	23E31015S01	CAP, ELEC. 10/50-M-RD
E432	23E31015S01	CAP, ELEC. 10/50-M-RD
E601	23E31017S01	CAP, ELEC. 10/25-M-RD
E602	23E31017S01	CAP, ELEC. 10/25-M-RD
E603	23E23849S01	CAP, ELEC. 100/16-M-RD
E604	23E23849S01	CAP, ELEC. 100/16-M-RD
E605	23T75491W14	CAP, PS 332-1C
E606	23T75491W14	CAP, PS 332-1C
E607	23T75491W14	CAP, PS 332-1C
E608	23E22148S01	CAP, ELEC. 470/50-M-RD
E609	23E22148S01	CAP, ELEC. 470/50-M-RD
E610	23T45037Y01	CAP, VNSN 682-1V
E611	23T45037Y01	CAP, VNSN 682-1V
E612	23E31016S01	CAP, ELEC. 22/50-M-RD
E613	23E31016S01	CAP, ELEC. 22/50-M-RD
E614	23E23850S01	CAP, ELEC. 220/16-M-RD
E615	23E23850S01	CAP, ELEC. 220/16-M-RD
E616	23E22148S01	CAP, ELEC. 470/50-M-RD
E617	23E22148S01	CAP, ELEC. 470/50-M-RD
E618	23E31016S01	CAP, ELEC. 22/50-M-RD
E619	23E31016S01	CAP, ELEC. 22/50-M-RD
E620	23E31016S01	CAP, ELEC. 22/50-M-RD
E621	23E31016S01	CAP, ELEC. 22/50-M-RD
E622	23T45037Y02	CAP, VNSN 332-1V
E623	23T45037Y02	CAP, VNSN 332-1V
E701	23E11142S01	CAP, ELEC. 100/10-M-BP
E702	23E31012S01	CAP, ELEC. 2.2/50-M-RD
E703	23E23849S01	CAP, ELEC. 100/16-M-RD
E704	23E31056S01	CAP, ELEC. 0.1/50-M-RD
E705	23E23848S01	CAP, ELEC. 220/10-M-RD
E801	23E31017S01	CAP, ELEC. 10/25-M-RD
E802	23E31017S01	CAP, ELEC. 10/25-M-RD
E803	23E31017S01	CAP, ELEC. 10/25-M-RD
E901	23E31013S01	CAP, ELEC. 3.3/50-M-RD

Resistors

CJ10	06E22039S01	RES, CF. 0R0-J-1/8-CP
R319	06E31033S01	RES, CF. 103-J-1/4-AX
R320	06E22048S01	RES, CF. 102-J-1/10-CP
R321	06E22048S01	RES, CF. 102-J-1/10-CP
R322	06E22051S01	RES, CF. 222-J-1/10-CP
R323	06E22051S01	RES, CF. 222-J-1/10-CP
R324	06E22062S01	RES, CF. 473-J-1/10-CP
R325	06E22062S01	RES, CF. 473-J-1/10-CP
R326	06E20903S01	RES, CF. 103-J-1/10-CP
R327	06E20903S01	RES, CF. 103-J-1/10-CP
R328	06E22062S01	RES, CF. 473-J-1/10-CP
R329	06E22062S01	RES, CF. 473-J-1/10-CP
R330	06E22065S01	RES, CF. 104-J-1/10-CP
R331	06E22065S01	RES, CF. 104-J-1/10-CP
R332	06E22509S01	RES, CF. 154-J-1/10-CP
R333	06E22509S01	RES, CF. 154-J-1/10-CP
R334	06E22053S01	RES, CF. 332-J-1/10-CP
R335	06E22053S01	RES, CF. 332-J-1/10-CP
R336	06E22062S01	RES, CF. 473-J-1/10-CP
R337	06E22062S01	RES, CF. 473-J-1/10-CP
R338	06E22048S01	RES, CF. 102-J-1/10-CP
R339	06E22048S01	RES, CF. 102-J-1/10-CP
R340	06E22048S01	RES, CF. 102-J-1/10-CP
R341	06E22048S01	RES, CF. 102-J-1/10-CP
R342	06E20903S01	RES, CF. 103-J-1/10-CP
R343	06E20903S01	RES, CF. 103-J-1/10-CP
R344	06E22060S01	RES, CF. 223-J-1/10-CP
R345	06E22060S01	RES, CF. 223-J-1/10-CP
R346	06E21164S01	RES, CF. 152-J-1/10-CP
R347	06E21164S01	RES, CF. 152-J-1/10-CP
R348	06E20903S01	RES, CF. 103-J-1/10-CP
R349	06E20903S01	RES, CF. 103-J-1/10-CP
R350	06E20903S01	RES, CF. 103-J-1/10-CP
R351	06E20903S01	RES, CF. 103-J-1/10-CP
R352	06E20903S01	RES, CF. 103-J-1/10-CP
R353	06E20903S01	RES, CF. 103-J-1/10-CP
R354	06E22048S01	RES, CF. 102-J-1/10-CP
R355	06E22048S01	RES, CF. 102-J-1/10-CP
R356	06E30148S01	RES, CF. 150K-J-1/4-AX

Symbol No.	Part No.	Description
R357	06E30148S01	RES, CF. 150K-J-1/4-AX
R358	06E30148S01	RES, CF. 150K-J-1/4-AX
R359	06E30148S01	RES, CF. 150K-J-1/4-AX
R401	06E31033S01	RES, CF. 103-J-1/4-AX
R402	06E31033S01	RES, CF. 103-J-1/4-AX
R403	06E31033S01	RES, CF. 103-J-1/4-AX
R404	06E31033S01	RES, CF. 103-J-1/4-AX
R405	06E31033S01	RES, CF. 103-J-1/4-AX
R406	06E31031S01	RES, CF. 242-J-1/4-AX
R407	06E31031S01	RES, CF. 242-J-1/4-AX
R408	06E31031S01	RES, CF. 242-J-1/4-AX
R409	06E31031S01	RES, CF. 242-J-1/4-AX
R410	06E31053S01	RES, CF. 182-J-1/4-AX
R411	06E31053S01	RES, CF. 182-J-1/4-AX
R412	06E29366S01	RES, CF. 102-J-1/4-AX
R413	06E29366S01	RES, CF. 102-J-1/4-AX
R414	06E29366S01	RES, CF. 102-J-1/4-AX
R415	06E29366S01	RES, CF. 102-J-1/4-AX
R416	06E29366S01	RES, CF. 102-J-1/4-AX
R417	06E29366S01	RES, CF. 102-J-1/4-AX
R418	06E31032S01	RES, CF. 562-J-1/4-AX
R419	06E31032S01	RES, CF. 562-J-1/4-AX
R420	06E31032S01	RES, CF. 562-J-1/4-AX
R421	06E31032S01	RES, CF. 562-J-1/4-AX
R422	06E31032S01	RES, CF. 562-J-1/4-AX
R423	06E31032S01	RES, CF. 562-J-1/4-AX
R424	06E31039S01	RES, CF. 563-J-1/4-AX
R425	06E31039S01	RES, CF. 563-J-1/4-AX
R426	06E31039S01	RES, CF. 563-J-1/4-AX
R427	06E31039S01	RES, CF. 563-J-1/4-AX
R428	06E31039S01	RES, CF. 563-J-1/4-AX
R429	06E31039S01	RES, CF. 563-J-1/4-AX
R430	06E31023S01	RES, CF. 121-J-1/4-AX
R431	06E31023S01	RES, CF. 121-J-1/4-AX
R432	06E31023S01	RES, CF. 121-J-1/4-AX
R433	06E31023S01	RES, CF. 121-J-1/4-AX
R434	06E31023S01	RES, CF. 121-J-1/4-AX
R435	06E31023S01	RES, CF. 121-J-1/4-AX
R436	06E31023S01	RES, CF. 121-J-1/4-AX
R437	06E31023S01	RES, CF. 121-J-1/4-AX
R438	06E31023S01	RES, CF. 121-J-1/4-AX
R439	06E31023S01	RES, CF. 121-J-1/4-AX
R440	06E31023S01	RES, CF. 121-J-1/4-AX
R441	06E31023S01	RES, CF. 121-J-1/4-AX
R442	06E31025S01	RES, CF. 471-J-1/4-AX
R443	06E31025S01	RES, CF. 471-J-1/4-AX
R444	06E31025S01	RES, CF. 471-J-1/4-AX
R445	06E31025S01	RES, CF. 471-J-1/4-AX
R446	06E31025S01	RES, CF. 471-J-1/4-AX

Symbol No.	Part No.	Description
R447	06E31025S01	RES, CF. 471-J-1/4-AX
R448	06E31024S01	RES, CF. 331-J-1/4-AX
R449	06E31024S01	RES, CF. 331-J-1/4-AX
R450	06E31024S01	RES, CF. 331-J-1/4-AX
R451	06E31024S01	RES, CF. 331-J-1/4-AX
R452	06E31024S01	RES, CF. 331-J-1/4-AX
R453	06E31024S01	RES, CF. 331-J-1/4-AX
R454	06E29345S01	RES, CF. 221-J-1/4-AX
R455	06E29345S01	RES, CF. 221-J-1/4-AX
R456	06E29345S01	RES, CF. 221-J-1/4-AX
R457	06E29345S01	RES, CF. 221-J-1/4-AX
R458	06E31052S01	RES, CF. 431-J-1/4-AX
R459	06E31052S01	RES, CF. 431-J-1/4-AX
R460	06E31023S01	RES, CF. 121-J-1/4-AX
R461	06E31023S01	RES, CF. 121-J-1/4-AX
R462	06E31023S01	RES, CF. 121-J-1/4-AX
R463	06E31023S01	RES, CF. 121-J-1/4-AX
R464	06E29345S01	RES, CF. 221-J-1/4-AX
R465	06E29345S01	RES, CF. 221-J-1/4-AX
R466	06E30145S01	RES, CF. 33R-J-1/4-AX
R467	06E30145S01	RES, CF. 33R-J-1/4-AX
R468	06E30145S01	RES, CF. 33R-J-1/4-AX
R469	06E30145S01	RES, CF. 33R-J-1/4-AX
R470	06E30145S01	RES, CF. 33R-J-1/4-AX
R471	06E30145S01	RES, CF. 33R-J-1/4-AX
R472	06E31030S01	RES, CF. 222-J-1/4-AX
R473	06E31030S01	RES, CF. 222-J-1/4-AX
R474	06E31030S01	RES, CF. 222-J-1/4-AX
R475	06E31030S01	RES, CF. 222-J-1/4-AX
R476	06E31030S01	RES, CF. 222-J-1/4-AX
R477	06E31030S01	RES, CF. 222-J-1/4-AX
R478	06E31038S01	RES, CF. 513-J-1/4-AX
R479	06E31038S01	RES, CF. 513-J-1/4-AX
R480	06E31038S01	RES, CF. 513-J-1/4-AX
R481	06E31038S01	RES, CF. 513-J-1/4-AX
R482	06E31038S01	RES, CF. 513-J-1/4-AX
R483	06E31038S01	RES, CF. 513-J-1/4-AX
R484	06E31036S01	RES, CF. 243-J-1/4-AX
R485	06E31036S01	RES, CF. 243-J-1/4-AX
R486	06E31036S01	RES, CF. 243-J-1/4-AX
R487	06E31036S01	RES, CF. 243-J-1/4-AX
R488	06E31036S01	RES, CF. 243-J-1/4-AX
R489	06E31036S01	RES, CF. 243-J-1/4-AX
R490	06E21162S01	RES, CF. 562-J-1/8-CP
R491	06E22111S01	RES, CF. 562-J-1/10-CP
R492	06E22111S01	RES, CF. 562-J-1/10-CP
R493	06E22111S01	RES, CF. 562-J-1/10-CP
R494	06E22895S01	RES, CF. 622-J-1/10-CP
R495	06E22895S01	RES, CF. 622-J-1/10-CP

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Symbol No.	Part No.	Description
R496	06E22924S01	RES, CF. 242-J-1/10-CP
R497	06E22924S01	RES, CF. 242-J-1/10-CP
R498	06E22924S01	RES, CF. 242-J-1/10-CP
R499	06E22924S01	RES, CF. 242-J-1/10-CP
R500	06E22048S01	RES, CF. 102-J-1/10-CP
R501	06E22030S01	RES, CF. 102-J-1/8-CP
R502	06E29343S01	RES, CF. 4R7-J-1/4-AX
R503	06E29343S01	RES, CF. 4R7-J-1/4-AX
R504	06E29343S01	RES, CF. 4R7-J-1/4-AX
R505	06E29343S01	RES, CF. 4R7-J-1/4-AX
R506	06E29343S01	RES, CF. 4R7-J-1/4-AX
R507	06E29343S01	RES, CF. 4R7-J-1/4-AX
R509	06E29343S01	RES, CF. 4R7-J-1/4-AX
R510	06E29343S01	RES, CF. 4R7-J-1/4-AX
R511	06E29343S01	RES, CF. 4R7-J-1/4-AX
R512	06E29343S01	RES, CF. 4R7-J-1/4-AX
R513	06E29343S01	RES, CF. 4R7-J-1/4-AX
R514	06E29343S01	RES, CF. 4R7-J-1/4-AX
R515	06E29345S01	RES, CF. 221-J-1/4-AX
R516	06E29345S01	RES, CF. 221-J-1/4-AX
R517	06E29345S01	RES, CF. 221-J-1/4-AX
R518	06E29345S01	RES, CF. 221-J-1/4-AX
R519	06E31029S01	RES, CF. 152-J-1/4-AX
R520	06E31029S01	RES, CF. 152-J-1/4-AX
R521	06E29344S01	RES, CF. 10R-J-1/4-AX
R522	06E29344S01	RES, CF. 10R-J-1/4-AX
R523	06E29344S01	RES, CF. 10R-J-1/4-AX
R524	06E29344S01	RES, CF. 10R-J-1/4-AX
R525	06E31051S01	RES, CF. 68R-J-1/4-AX
R526	06E31051S01	RES, CF. 68R-J-1/4-AX
R528	06E29344S01	RES, CF. 10R-J-1/4-AX
R529	06E29344S01	RES, CF. 10R-J-1/4-AX
R530	06E29344S01	RES, CF. 10R-J-1/4-AX
R531	06E29344S01	RES, CF. 10R-J-1/4-AX
R532	06E31051S01	RES, CF. 68R-J-1/4-AX
R533	06E31051S01	RES, CF. 68R-J-1/4-AX
R534	06E20903S01	RES, CF. 103-J-1/10-CP
R535	06E20903S01	RES, CF. 103-J-1/10-CP
R536	06E20903S01	RES, CF. 103-J-1/10-CP
R537	06E20903S01	RES, CF. 103-J-1/10-CP
R538	06E20903S01	RES, CF. 103-J-1/10-CP
R539	06E20903S01	RES, CF. 103-J-1/10-CP
R540	06E22048S01	RES, CF. 102-J-1/10-CP
R541	06E22048S01	RES, CF. 102-J-1/10-CP
R542	06E22048S01	RES, CF. 102-J-1/10-CP
R543	06E22048S01	RES, CF. 102-J-1/10-CP
R544	06E22048S01	RES, CF. 102-J-1/10-CP
R545	06E22048S01	RES, CF. 102-J-1/10-CP
R546	06E22046S01	RES, CF. 681-J-1/10-CP

Symbol No.	Part No.	Description
R547	06E22046S01	RES, CF. 681-J-1/10-CP
R548	06E22046S01	RES, CF. 681-J-1/10-CP
R549	06E22046S01	RES, CF. 681-J-1/10-CP
R550	06E22048S01	RES, CF. 102-J-1/10-CP
R551	06E22048S01	RES, CF. 102-J-1/10-CP
R552	06E22136S01	RES, MPR 5W 0.1X2
R553	06E22136S01	RES, MPR 5W 0.1X2
R554	06E22136S01	RES, MPR 5W 0.1X2
R555	06E22136S01	RES, MPR 5W 0.1X2
R556	06E22136S01	RES, MPR 5W 0.1X2
R557	06E22136S01	RES, MPR 5W 0.1X2
R571	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R572	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R573	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R574	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R575	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R576	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R577	06E22058S01	RES, CF. 123-J-1/10-CP
R578	06E22058S01	RES, CF. 123-J-1/10-CP
R579	06E22058S01	RES, CF. 123-J-1/10-CP
R580	06E22058S01	RES, CF. 123-J-1/10-CP
R581	06E22058S01	RES, CF. 123-J-1/10-CP
R582	06E22058S01	RES, CF. 123-J-1/10-CP
R583	06E31030S01	RES, CF. 222-J-1/4-AX
R584	06E31030S01	RES, CF. 222-J-1/4-AX
R585	06E31030S01	RES, CF. 222-J-1/4-AX
R586	06E31030S01	RES, CF. 222-J-1/4-AX
R587	06E31032S01	RES, CF. 562-J-1/4-AX
R588	06E31032S01	RES, CF. 562-J-1/4-AX
R589	06E22048S01	RES, CF. 102-J-1/10-CP
R590	06E22048S01	RES, CF. 102-J-1/10-CP
R591	06E22046S01	RES, CF. 681-J-1/10-CP
R592	06E22046S01	RES, CF. 681-J-1/10-CP
R593	06E31033S01	RES, CF. 103-J-1/4-AX
R594	06E31033S01	RES, CF. 103-J-1/4-AX
R601	06E22060S01	RES, CF. 223-J-1/10-CP
R602	06E23857S01	RES, CF. 511-J-1/10-CP
R603	06E20903S01	RES, CF. 103-J-1/10-CP
R604	06E29346S01	RES, CF. 822-J-1/4-AX
R605	06E22924S01	RES, CF. 242-J-1/10-CP
R606	06E23685S01	RES, CF. 113-J-1/8-CP
R607	06E25506S01	RES, CF. 10R-1/8-CP
R608	06E24358S01	RES, CF, 623-J-1/10-CP
R609	06E22065S01	RES, CF. 104-J-1/10-CP
R610	06E20903S01	RES, CF. 103-J-1/10-CP
R611	06E22059S01	RES, CF. 183-J-1/10-CP
R612	06E22146S01	RES, MO 1W ERG 1SJ 111E-RD
R613	06E22146S01	RES, MO 1W ERG 1SJ 111E-RD
R614	06E29344S01	RES, CF. 10R-J-1/4-AX

Symbol No.	Part No.	Description
R615	06E31025S01	RES, CF. 471-J-1/4-AX
R616	06E31025S01	RES, CF. 471-J-1/4-AX
R617	06E29344S01	RES, CF. 10R-J-1/4-AX
R618	06E29344S01	RES, CF. 10R-J-1/4-AX
R619	06E31025S01	RES, CF. 471-J-1/4-AX
R620	06E31025S01	RES, CF. 471-J-1/4-AX
R621	06E29344S01	RES, CF. 10R-J-1/4-AX
R622	06E29344S01	RES, CF. 10R-J-1/4-AX
R623	06E31025S01	RES, CF. 471-J-1/4-AX
R624	06E31025S01	RES, CF. 471-J-1/4-AX
R625	06E29344S01	RES, CF. 10R-J-1/4-AX
R626	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R627	06E20907S01	RES, MO 1W ERG 1SJ 100E-RD
R628	06E29377S01	RES, CF. 272-J-1/4-AX
R629	06E29377S01	RES, CF. 272-J-1/4-AX
R630	06E29366S01	RES, CF. 102-J-1/4-AX
R631	06E29366S01	RES, CF. 102-J-1/4-AX
R635	06E31051S01	RES, CF. 68R-J-1/4-AX
R636	06E31051S01	RES, CF. 68R-J-1/4-AX
R701	06E22030S01	RES, CF. 102-J-1/8-CP
R702	06E22048S01	RES, CF. 102-J-1/10-CP
R703	06E22048S01	RES, CF. 102-J-1/10-CP
R704	06E22053S01	RES, CF. 332-J-1/10-CP
R705	06E22545S01	RES, CF. 202-J-1/10-CP
R706	06E22065S01	RES, CF. 104-J-1/10-CP
R707	06E22030S01	RES, CF. 102-J-1/8-CP
R708	06E22508S01	RES, CF. 203-J-1/10-CP
R709	06E22111S01	RES, CF. 562-J-1/10-CP
R710	06E22508S01	RES, CF. 203-J-1/10-CP
R712	06E22041S01	RES, CF. 101-J-1/10-CP
R713	06E22060S01	RES, CF. 223-J-1/10-CP
R714	06E26014S01	RES, CF. 103-J-1/8-CP
R715	06E20903S01	RES, CF. 103-J-1/10-CP
R716	06E23740S01	RES, CF. 514-J-1/8-CP
R717	06E23743S01	RES, CF. 244-J-1/10-CP
R801	06E22058S01	RES, CF. 123-J-1/10-CP
R802	06E22065S01	RES, CF. 104-J-1/10-CP
R803	06E22055S01	RES, CF. 472-J-1/10-CP
R804	06E22065S01	RES, CF. 104-J-1/10-CP
R805	06E22545S01	RES, CF. 202-J-1/10-CP
R806	06E22037S01	RES, CF. 104-J-1/8-CP
R807	06E22545S01	RES, CF. 202-J-1/10-CP
R808	06E22068S01	RES, CF. 105-J-1/10-CP
R809	06E22547S01	RES, CF. 684-J-1/10-CP
R821	06E22065S01	RES, CF. 104-J-1/10-CP
R822	06E22062S01	RES, CF. 473-J-1/10-CP
R823	06E22062S01	RES, CF. 473-J-1/10-CP
R901	06E26014S01	RES, CF. 103-J-1/8-CP
R902	06E22506S01	RES, CF. 362-J-1/10-CP

Symbol No.	Part No.	Description
R903	06E23739S01	RES, CF. 154-J-1/8-CP
R904	06E22053S01	RES, CF. 332-J-1/10-CP
R905	06E22052S01	RES, CF. 272-J-1/10-CP
R906	06E23689S01	RES, CF. 7R5-J-1/10-CP
R907	06E22074S01	RES, CF. 102-J-1/4-CP
R908	06E22951S01	RES, CF. 302-J-1/10-CP
R909	06E22062S01	RES, CF. 473-J-1/10-CP
R910	06E22060S01	RES, CF. 223-J-1/10-CP
VR401	18E31054S01	VR, RVM630HT B23 2.0K-RD
VR402	18E31054S01	VR, RVM630HT B23 2.0K-RD
VR601	18E31055S01	VR, RVM630HT B14 10K-RD
Connectors		
CB101	01E31046S01	ASS'Y SHIFLD WIRE 9P
CB106	01E31047S01	ASS'Y CONNECTOR 9P-9P
CON901	09E27780S01	CONN BASE, GIL-S-02P-S2T2
Front P.W.Board		
IC's		
IC10	51E22130S01	IC, NJM 4560M-TE3
IC11	51E22130S01	IC, NJM 4560M-TE3
IC12	51E22130S01	IC, NJM 4560M-TE3
IC13	51E22130S01	IC, NJM 4560M-TE3
IC14	51E22130S01	IC, NJM 4560M-TE3
IC15	51E22130S01	IC, NJM 4560M-TE3
IC16	51E22130S01	IC, NJM 4560M-TE3
IC21	51E22130S01	IC, NJM 4560M-TE3
IC22	51E22130S01	IC, NJM 4560M-TE3
IC23	51E22130S01	IC, NJM 4560M-TE3
IC24	51E22130S01	IC, NJM 4560M-TE3
IC25	51E22130S01	IC, NJM 4560M-TE3
IC26	51E22130S01	IC, NJM 4560M-TE3
IC27	51E22130S01	IC, NJM 4560M-TE3
IC28	51E22130S01	IC, NJM 4560M-TE3
IC29	51E22130S01	IC, NJM 4560M-TE3
IC30	51E22130S01	IC, NJM 4560M-TE3
IC31	51E22130S01	IC, NJM 4560M-TE3
IC32	51E22130S01	IC, NJM 4560M-TE3
Switches		
SW101	40E20895S01	SSAF 123NA(INPUT CHANNEL CH-5)

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Symbol No.	Part No.	Description
SW102	40E29408S01	SLIDE, SSAF112NA(BASS EQ CH-5)
SW201	40E20895S01	SSAF 123NA(FILTER CH-1/2)
SW202	40E20895S01	SSAF 123NA(FILTER CH-3/4)
Capacitors		
C101	08E22899S01	CAP, CER. 101-J-CP 50V
C102	08E22899S01	CAP, CER. 101-J-CP 50V
C103	08E22899S01	CAP, CER. 101-J-CP 50V
C104	08E22899S01	CAP, CER. 101-J-CP 50V
C105	08E22899S01	CAP, CER. 101-J-CP 50V
C107	08E23581S01	CAP, CER. 330-J-CP 50V
C108	08E23581S01	CAP, CER. 330-J-CP 50V
C109	08E23581S01	CAP, CER. 330-J-CP 50V
C110	08E23581S01	CAP, CER. 330-J-CP 50V
C112	08E23581S01	CAP, CER. 330-J-CP 50V
C113	08E23581S01	CAP, CER. 330-J-CP 50V
C114	08E23581S01	CAP, CER. 330-J-CP 50V
C115	08E08423S03	CAP, CER. 100-D-CP 50V
C116	08E07631S23	CAP, MYL. 333-J-RD
C117	08E08423S03	CAP, CER. 100-D-CP 50V
C118	08E31020S01	CAP, MF 104-J-63V-RD
C119	08E31020S01	CAP, MF 104-J-63V-RD
C201	08E23581S01	CAP, CER. 330-J-CP 50V
C202	08E23581S01	CAP, CER. 330-J-CP 50V
C203	08E23581S01	CAP, CER. 330-J-CP 50V
C204	08E23581S01	CAP, CER. 330-J-CP 50V
C207	08E08423S03	CAP, CER. 100-D-CP 50V
C208	08E08423S03	CAP, CER. 100-D-CP 50V
C209	08E08423S03	CAP, CER. 100-D-CP 50V
C210	08E08423S03	CAP, CER. 100-D-CP 50V
C213	08E22899S01	CAP, CER. 101-J-CP 50V
C214	08E22899S01	CAP, CER. 101-J-CP 50V
C215	08E22899S01	CAP, CER. 101-J-CP 50V
C216	08E22899S01	CAP, CER. 101-J-CP 50V
C219	08E08423S03	CAP, CER. 100-D-CP 50V
C220	08E08423S03	CAP, CER. 100-D-CP 50V
C221	08E08423S03	CAP, CER. 100-D-CP 50V
C222	08E08423S03	CAP, CER. 100-D-CP 50V
C223	08E31050S01	CAP, MF 224-J-63V-RD
C224	08E31020S01	CAP, MF 104-J-63V-RD
C225	08E31021S01	CAP, MF 154-J-63V-RD
C226	08E31021S01	CAP, MF 154-J-63V-RD
C227	08E31021S01	CAP, MF 154-J-63V-RD
C228	08E31021S01	CAP, MF 154-J-63V-RD
C229	08E07631S17	CAP, MYL. 393-J-RD
C230	08E07631S10	CAP, MYL. 223-J-RD
C231	08E31021S01	CAP, MF 154-J-63V-RD

Symbol No.	Part No.	Description
C232	08E31021S01	CAP, MF 154-J-63V-RD
C233	08E31021S01	CAP, MF 154-J-63V-RD
C234	08E31021S01	CAP, MF 154-J-63V-RD
C301	08E08423S03	CAP, CER. 100-D-CP 50V
C302	08E08423S03	CAP, CER. 100-D-CP 50V
C303	08E08423S03	CAP, CER. 100-D-CP 50V
C304	08E08423S03	CAP, CER. 100-D-CP 50V
C305	08E08423S03	CAP, CER. 100-D-CP 50V
C306	08E08423S03	CAP, CER. 100-D-CP 50V
C307	08E08423S03	CAP, CER. 100-D-CP 50V
C308	08E08423S03	CAP, CER. 100-D-CP 50V
C309	08E08423S03	CAP, CER. 100-D-CP 50V
E101	23E31017S01	CAP, ELEC. 10/25-M-RD
E102	23E31017S01	CAP, ELEC. 10/25-M-RD
E103	23E31017S01	CAP, ELEC. 10/25-M-RD
E104	23E31017S01	CAP, ELEC. 10/25-M-RD
E106	23E31013S01	CAP, ELEC. 3.3/50-M-RD
E201	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E202	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E203	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E204	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E301	23E31016S01	CAP, ELEC. 22/50-M-RD
E302	23E31016S01	CAP, ELEC. 22/50-M-RD
E303	23E31016S01	CAP, ELEC. 22/50-M-RD
E304	23E31016S01	CAP, ELEC. 22/50-M-RD
E305	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E306	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E307	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E308	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E309	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E310	23E31014S01	CAP, ELEC. 4.7/50-M-RD
E311	23E31016S01	CAP, ELEC. 22/50-M-RD
E312	23E31016S01	CAP, ELEC. 22/50-M-RD
E313	23E31016S01	CAP, ELEC. 22/50-M-RD
E314	23E31016S01	CAP, ELEC. 22/50-M-RD
E315	23E31016S01	CAP, ELEC. 22/50-M-RD
E316	23E31016S01	CAP, ELEC. 22/50-M-RD
Resistors		
J10	06E20905S01	RES, CF. 0R0-J-1/10-CP
J11	06E20905S01	RES, CF. 0R0-J-1/10-CP
J12	06E20905S01	RES, CF. 0R0-J-1/10-CP
J13	06E20905S01	RES, CF. 0R0-J-1/10-CP
J14	06E20905S01	RES, CF. 0R0-J-1/10-CP
J15	06E20905S01	RES, CF. 0R0-J-1/10-CP
J16	06E20905S01	RES, CF. 0R0-J-1/10-CP
J30	06E22039S01	RES, CF. 0R0-J-1/8-CP

Symbol No.	Part No.	Description
J31	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J32	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J33	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J34	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J35	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J36	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J37	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J38	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J39	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J40	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J41	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J42	06E220 39S01	RES. CF. 0RO-J-1/8-CP
J43	06E220 39S01	RES. CF. 0RO-J-1/8-CP
R101	06E310 35S01	RES. CF. 223-J-1/4-AX
R102	06E310 35S01	RES. CF. 223-J-1/4-AX
R103	06E310 35S01	RES. CF. 223-J-1/4-AX
R104	06E310 35S01	RES. CF. 223-J-1/4-AX
R105	06E310 35S01	RES. CF. 223-J-1/4-AX
R106	06E310 22S01	RES. CF. 101-J-1/4-AX
R107	06E310 22S01	RES. CF. 101-J-1/4-AX
R108	06E310 22S01	RES. CF. 101-J-1/4-AX
R109	06E310 22S01	RES. CF. 101-J-1/4-AX
R110	06E310 22S01	RES. CF. 101-J-1/4-AX
R111	06E310 41S01	RES. CF. 224-J-1/4-AX
R112	06E310 41S01	RES. CF. 224-J-1/4-AX
R113	06E310 41S01	RES. CF. 224-J-1/4-AX
R114	06E310 41S01	RES. CF. 224-J-1/4-AX
R115	06E310 41S01	RES. CF. 224-J-1/4-AX
R116	06E310 26S01	RES. CF. 751-J-1/4-AX
R117	06E310 26S01	RES. CF. 751-J-1/4-AX
R118	06E310 26S01	RES. CF. 751-J-1/4-AX
R119	06E310 26S01	RES. CF. 751-J-1/4-AX
R120	06E310 39S01	RES. CF. 563-J-1/4-AX
R121	06E310 49S01	RES. CF. 113-J-1/4-AX
R122	06E310 49S01	RES. CF. 113-J-1/4-AX
R123	06E310 49S01	RES. CF. 113-J-1/4-AX
R124	06E310 49S01	RES. CF. 113-J-1/4-AX
R125	06E310 42S01	RES. CF. 105-J-1/4-AX
R126	06E310 42S01	RES. CF. 105-J-1/4-AX
R127	06E310 26S01	RES. CF. 751-J-1/4-AX
R128	06E310 26S01	RES. CF. 751-J-1/4-AX
R129	06E310 24S01	RES. CF. 331-J-1/4-AX
R130	06E310 24S01	RES. CF. 331-J-1/4-AX
R131	06E293 66S01	RES. CF. 102-J-1/4-AX
R132	06E310 35S01	RES. CF. 223-J-1/4-AX
R133	06E310 27S01	RES. CF. 911-J-1/4-AX
R134	06E310 29S01	RES. CF. 152-J-1/4-AX
R135	06E292 09S01	RES. CF. 512-J-1/8-CP
R136	06E229 52S01	RES. CF. 512-J-1/10-CP

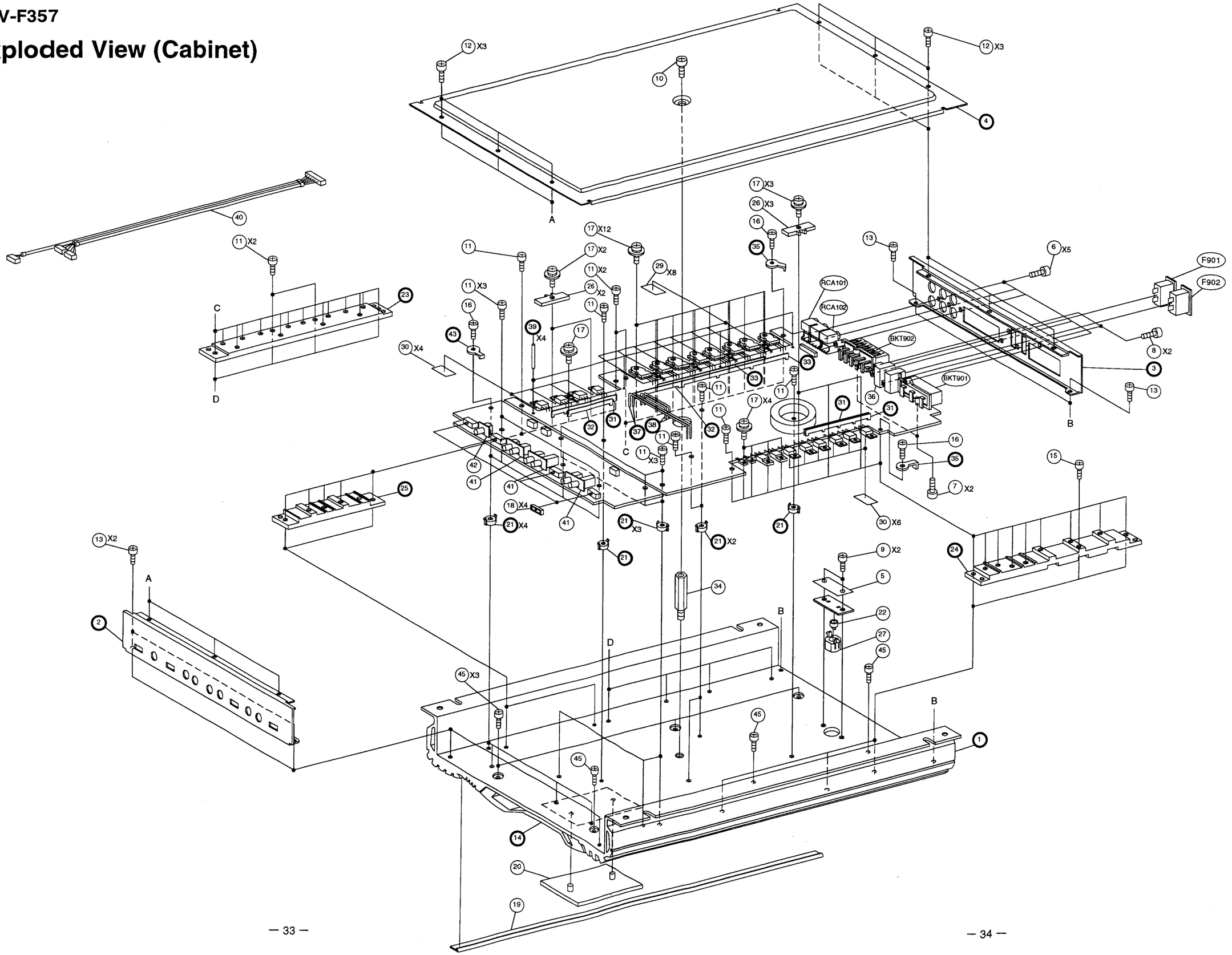
Symbol No.	Part No.	Description
R137	06E310 40S01	RES. CF. 104-J-1/4-AX
R138	06E220 65S01	RES. CF. 104-J-1/10-CP
R139	06E229 52S01	RES. CF. 512-J-1/10-CP
R140	06E220 48S01	RES. CF. 102-J-1/10-CP
R201	06E293 66S01	RES. CF. 102-J-1/4-AX
R202	06E293 66S01	RES. CF. 102-J-1/4-AX
R203	06E293 66S01	RES. CF. 102-J-1/4-AX
R204	06E293 66S01	RES. CF. 102-J-1/4-AX
R207	06E310 35S01	RES. CF. 223-J-1/4-AX
R208	06E310 35S01	RES. CF. 223-J-1/4-AX
R209	06E310 35S01	RES. CF. 223-J-1/4-AX
R210	06E310 35S01	RES. CF. 223-J-1/4-AX
R213	06E310 29S01	RES. CF. 152-J-1/4-AX
R214	06E310 29S01	RES. CF. 152-J-1/4-AX
R215	06E310 29S01	RES. CF. 152-J-1/4-AX
R216	06E310 29S01	RES. CF. 152-J-1/4-AX
R219	06E310 27S01	RES. CF. 911-J-1/4-AX
R220	06E310 27S01	RES. CF. 911-J-1/4-AX
R221	06E310 27S01	RES. CF. 911-J-1/4-AX
R222	06E310 27S01	RES. CF. 911-J-1/4-AX
R225	06E310 40S01	RES. CF. 104-J-1/4-AX
R226	06E310 40S01	RES. CF. 104-J-1/4-AX
R227	06E310 40S01	RES. CF. 104-J-1/4-AX
R228	06E310 40S01	RES. CF. 104-J-1/4-AX
R231	06E220 58S01	RES. CF. 123-J-1/10-CP
R232	06E220 58S01	RES. CF. 123-J-1/10-CP
R233	06E220 58S01	RES. CF. 123-J-1/10-CP
R234	06E220 58S01	RES. CF. 123-J-1/10-CP
R237	06E225 08S01	RES. CF. 203-J-1/10-CP
R238	06E225 08S01	RES. CF. 203-J-1/10-CP
R239	06E225 08S01	RES. CF. 203-J-1/10-CP
R240	06E225 08S01	RES. CF. 203-J-1/10-CP
R243	06E220 58S01	RES. CF. 123-J-1/10-CP
R244	06E220 58S01	RES. CF. 123-J-1/10-CP
R245	06E220 58S01	RES. CF. 123-J-1/10-CP
R246	06E220 58S01	RES. CF. 123-J-1/10-CP
R249	06E220 58S01	RES. CF. 123-J-1/10-CP
R250	06E220 58S01	RES. CF. 123-J-1/10-CP
R251	06E220 58S01	RES. CF. 123-J-1/10-CP
R252	06E236 86S01	RES. CF. 123-J-1/8-CP
R255	06E229 26S01	RES. CF. 752-J-1/10-CP
R256	06E229 26S01	RES. CF. 752-J-1/10-CP
R257	06E229 26S01	RES. CF. 752-J-1/10-CP
R258	06E229 26S01	RES. CF. 752-J-1/10-CP
R260	06E229 52S01	RES. CF. 512-J-1/10-CP
R261	06E229 52S01	RES. CF. 512-J-1/10-CP
R262	06E229 52S01	RES. CF. 512-J-1/10-CP
R263	06E229 52S01	RES. CF. 512-J-1/10-CP
R264	06E292 09S01	RES. CF. 512-J-1/8-CP

Symbol No.	Part No.	Description
R265	06E229 52S01	RES. CF. 512-J-1/10-CP
R266	06E220 60S01	RES. CF. 223-J-1/10-CP
R267	06E209 03S01	RES. CF. 103-J-1/10-CP
R268	06E209 03S01	RES. CF. 103-J-1/10-CP
R269	06E209 03S01	RES. CF. 103-J-1/10-CP
R270	06E209 03S01	RES. CF. 103-J-1/10-CP
R271	06E220 60S01	RES. CF. 223-J-1/10-CP
R273	06E209 03S01	RES. CF. 103-J-1/10-CP
R274	06E209 03S01	RES. CF. 103-J-1/10-CP
R275	06E209 03S01	RES. CF. 103-J-1/10-CP
R276	06E209 03S01	RES. CF. 103-J-1/10-CP
R279	06E209 04S01	RES. CF. 273-J-1/10-CP
R280	06E209 04S01	RES. CF. 273-J-1/10-CP
R281	06E209 04S01	RES. CF. 273-J-1/10-CP
R282	06E209 04S01	RES. CF. 273-J-1/10-CP
R285	06E229 52S01	RES. CF. 512-J-1/10-CP
R286	06E229 52S01	RES. CF. 512-J-1/10-CP
R287	06E229 52S01	RES. CF. 512-J-1/10-CP
R288	06E292 09S01	RES. CF. 512-J-1/8-CP
R302	06E310 33S01	RES. CF. 103-J-1/4-AX
R304	06E310 33S01	RES. CF. 103-J-1/4-AX
R306	06E310 33S01	RES. CF. 103-J-1/4-AX
R307	06E310 33S01	RES. CF. 103-J-1/4-AX
R308	06E310 33S01	RES. CF. 103-J-1/4-AX
R309	06E310 33S01	RES. CF. 103-J-1/4-AX
R310	06E310 33S01	RES. CF. 103-J-1/4-AX
R311	06E310 26S01	RES. CF. 751-J-1/4-AX
R312	06E310 33S01	RES. CF. 103-J-1/4-AX
R313	06E310 26S01	RES. CF. 751-J-1/4-AX
R314	06E310 33S01	RES. CF. 103-J-1/4-AX
R315	06E310 26S01	RES. CF. 751-J-1/4-AX
R316	06E310 37S01	RES. CF. 273-J-1/4-AX
R317	06E310 37S01	RES. CF. 273-J-1/4-AX
R318	06E310 37S01	RES. CF. 273-J-1/4-AX
R360	06E310 37S01	RES. CF. 273-J-1/4-AX
R361	06E310 37S01	RES. CF. 273-J-1/4-AX
R362	06E310 37S01	RES. CF. 273-J-1/4-AX
VR101	18E208 80S01	VR. 50KAX2 RK0971210 (GAIN CH-1/2)
VR102	18E208 80S01	VR. 50KAX2 RK0971210 (GAIN CH-3/4)
VR103	18E236 72S01	VR. 50KAX1 RK0971110 (GAIN CH-5)
VR201	18E208 79S01	VR. 20KEX4 RK0971410 (CROSSOVER CH-1/2)
VR202	18E208 79S01	VR. 20KEX4 RK0971410 (CROSSOVER CH-3/4)
VR203	18E294 03S01	VR. ROTARY 5KEX1 (BASS EQ CH-5)
VR204	18E236 71S01	VR. 20KEX2 RK0971210 (CROSSOVER CH-5)

Symbol No.	Part No.	Description
Connector		
CB102	09E310 48S01	CONN BASE. 53014-0310
CB103	09E310 48S01	CONN BASE. 53014-0310
CB104	09E310 48S01	CONN BASE. 53014-0310
CB105	09E301 28S01	CONN BASE. 53014-0910
LED P. W. Board		
LED		
LED901	48E293 28S01	LED. SG3511
Capacitor		
C903	08E225 10S01	CAP. CER. 181-J-CP 50V
Connector		
CON902	01E277 50S01	2P CONNECTOR ASS'Y
Miscellaneous		
BKT901	29T152 45Y01	FUSE TERMINAL 3P-M4
BKT902	09E278 82S01	BLOCK TERMINAL 10P
F901	65E278 81S01	FUSE. AUTO 25A (For Battery Line)
F902	65E278 81S01	FUSE. AUTO 25A (For Battery Line)
RCA101	09T153 53Y01	RCA. T6749-BDBB (INPUT)
RCA102	09T153 54Y01	RCA. T6764-BFBB (INPUT)

MRV-F357

Exploded View (Cabinet)



Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
5		14E25521S01	Insulator, LED
6		03E09416S09	Screw, TPG-TPT (M3X10)
7		03E09416S10	Screw, TPG-TPT (M3X8)
8		03E23705S01	Screw, TPG-TPT (M2X6)
9		03E24424S01	Screw, TPG-TPT (M2.6X5)
10		03E29555S01	Screw, MCH (M3X8)
11		03E29347S01	Screw, TPG-TPT (M3X11)
12		03E09417S05	Screw, MCH-TPT (M2.6X5)
13		03E09417S08	Screw, TPG-TPT (M3X5)
15		03E30219S01	Screw, TPG-TPT (M3X16)
16		03E30220S01	Screw, TPG-TPT (M3X12)
17		03E20922S01	Screw, TPG-TPT (M3X11)
18		15E11445S01	Cover, Switch
19		15E31059S01	Cover, Plate
20		64E31044S01	Badge (V12), Plate
22		61E29351S01	Lens, LED
26		07E11146S01	Bracket, Transistor
27		15E29379S01	Holder, LED
29		14E11487S01	Insulator, Sheet-B
30		14E20977S01	Insulator, Sheet-A
34		07E31060S01	Stud, Support
36		15E27865S01	Fuse, Holder
40		01E31046S01	Assy., Shield Wire 9P (CB101)
41		07E27744S01	Bracket, GND-A
42		07E27745S01	Bracket, GND-B
45		03E29348S01	Screw, TPG-TPT (M3X8)

Symbol No.	Index	Part No.	Description